

Jan. 1951
15c



**The
Cornell Countryman**

PURDUE UNIVERSITY

JAN 23 1951

LIBRARY

Two Points

IN HIS FAVOR

This is our man.

He lacks size, maybe, by professional standards. But there are lots of things about him that are really big league.

His heart, for one thing. It's almost as big as he is, and it's jam-packed with the stuff that winners are made of—things like intentness of purpose, and gameness, and that precious quality that the world calls loyalty.

Then, there's the training he's getting now. When in a few short years he takes his place on the team, he'll be ready. He'll have the rules of the game down pat . . . he'll know the priceless worth of fair play . . . and he'll know how to handle the ball when it comes his way.

Size, you say? Oh, size doesn't count in the *big* game, the one he's training for, the one called Life. He'll be first string—wait and see.

He's no individual, this man of ours. He's all the youngsters in these vast United States . . . he's American Youth, a title that represents two big points in his favor. And we're pinning our hopes on him.

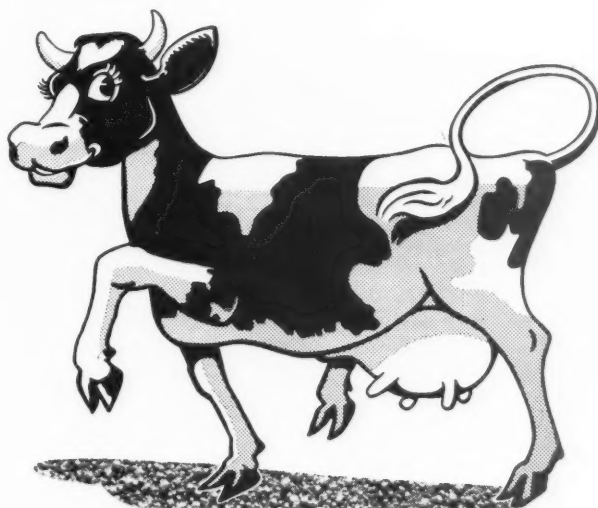
He's our man!



JOHN DEERE - MOLINE, ILLINOIS

G.L.F. GRAN- PHOSPHATE

The Dairyman's Fertilizer



It's Slip Insurance—The gritty granules of G.L.F. Gran-Phosphate make the stable floor a safer place to walk for both men and cows.

It Reduces Odors—G.L.F. Gran-Phosphate absorbs liquids, preventing the escape of ammonia when used in the gutters.

It Fortifies Manure—When used in the stable at the rate of $1\frac{1}{2}$ -2 pounds per cow per day, G.L.F. Gran-Phosphate supplies sufficient phosphorus to make a balanced fertilizer.

Cooperative G.L.F. Exchange Inc., Ithaca, N.Y.

AGRICULTURAL OUTLOOK 1951

1. Prices are expected to rise moderately.
2. Farm costs as a group will also go up, but more slowly.
3. Watch defense spending for clues to price changes.
4. This should be a fairly good year to farm.
5. The longer-term price trend is uncertain.

Less price-cost squeeze is expected for most fruit and vegetable crops—seasonal labor is likely to be short—aim for high yields of quality products—and do not over-expand on credit.

Poultrymen can expect egg prices to be lower this spring and higher in the fall—smaller hatch for flock replacement—larger broiler production—and higher prices for poultry meat.

The Green Acres Program For the Fifties

Milk prices will rise faster than costs in 1951. With the reduced price-cost squeeze, invest in improved hay and pasture practices. Less farm help means dairymen will have to save labor in doing chores and handling crops.

Another Service for Farmers

Every year our agricultural economists prepare information on the outlook for New York agriculture for the year ahead. In these times such forecasting is difficult, but sound facts based on the best information available help in developing and carrying out county and local program and in making recommendations to farmers.

This outlook information is given to extension workers, vocational agricultural teachers, and other agricultural leaders. In addition, the farm magazines, newspapers, and radio stations carry it to all of the people in the State.

Cornell University

NEW YORK STATE COLLEGE OF AGRICULTURE

CONTENTS

Talking Back	page 3
Letters-To-The-Editor Column	
J. P. Willman	page 4
by Art Kowalk '52	
Bill's Stomach Loses Its Privacy	page 5
by Roberta Manchester '53	
Fresh Milk—Juke Box Style	page 6
by Conrad Oliven '53	
The Curious Countryman	page 7
Milk Machine Patrons Register Approval	
by Conrad Oliven '53	
Over A Hot Stove	
Homemaker, Save Your Energy	page 8
by Martha Jean Salzberg '51	
Home Ec Offers Eight New Courses	page 9
by Martha Jean Salzberg '51	
Introducing Your Friends	page 10
DEE HARTNETT TINKER WILLIAMS	
ED RYDER DICK DARLEY	
What's News On The Campus Beat	page 12
Alumnotes	page 14
Can You Identify It?	page 17
Slips In The Press	page 19
Up To Us	page 20
Editorials	

OUR COVER . . . Lay that snowball down, babe. We didn't push you into the snow. Honest, we didn't! The cute gladiator is Jean Brown '52 of the College of Home Economics. The photographer who snapped the picture is Wally Rich '51, the lucky dog.

The Cornell Countryman

Founded 1903 Incorporated 1940
Member of Agricultural College Magazines, Associated

Editor.....Edward J. Ryder

Managing Editor Michael Rulison Business Mgr.Dan Barnhart
Adv. Mgr.William Hoffmann Circulation Mgr.Doris Stilwell

Home Ec EditorMartha Jean Salzberg

Photography EditorWallace Rich

Art EditorBetty Ann Jacques

Associate Editors

Brooks Mills Conrad Oliven Margot Pringle
Martha Trever Dot Yandeau

Editorial Board

Ann Batchelder	Frank Grasberger	Arthur Kowalk
David Bullard	George Goldman	Rhodalee Krause
Barbara Chamberlain	Stephen Greenberg	Roberta Manchester
Phillips Foster	Virginia Jackson	Blanche Miller
Kay Wolf	Judith Zucker	

Business Board

Pat Behrman	Jean Lovejoy	Shirley Sagen
Kenneth Bell	Anna Maier	Robert Snyder
Rina Ceci	Avis Pope	Fred Strawson
Frances Davison	Rita Rattman	Hugh Teweles
Joan Jago	Ralph Rogers	Beth Trever
	Carolyn Ross	

Art and Photography Board

John Frisbie Mike Gilman June Petterson Homer Pringle

Board of Directors

Professor A. W. Gibson Professor W. B. Ward
Mr. W. D. McMillan Mrs. Marion Stocker

The Cornell Countryman is published monthly from October to May by students in the New York State Colleges of Agriculture and Home Economics, units of the State University of New York, at Cornell University. Entered as second class matter at the Post Office, Ithaca, New York. Printed by Norton Printing Co. Subscription rate is \$1.00 a year or three years for \$2.50; single copies, 15 cents.

Vol. XLVIII—No. 4

Talking Back

Letters-To-The-Editor



Nov. 29, 1950

Dear Editor:

The editorial page of the December issue of THE CORNELL COUNTRYMAN (p. 24) states: "It was felt that in a community as large as Cornell there was a need for most people to associate themselves with groups in order to derive some feeling of 'belonging.'"

Since entering the College of Agriculture in 1946 I have joined a fraternity, helped organize the Ag Agents Club, and attended quite regularly the meetings of some other groups on the campus. Prominent among my reasons for these efforts was a desire to belong to the college community. Frankly, my association with these campus groups has been a very enjoyable experience, but it has done little to develop in me any feeling of belonging to the larger group—The College of Agriculture.

I am sending you this note because other students have indicated to me that they do not have a feeling of belonging, and because I believe I have a constructive suggestion to offer.

I would suggest that students in the College of Agriculture assemble *as a group* from time to time. The activity at such an assembly might range from a presentation of school officials to school dances. Cornell University students, a much larger group, assemble at football games, basketball games and Barton Hall dances; therefore, the number of students in the school would not preclude such an assembly. Activities *in a group*, I believe, do more for the development of a feeling of belonging to the group than do activities in parts of a group.

Very truly yours,

Edward K. Knapp, Jr.



Rich

Cornell's Sheep and Hog Man

J. P. Willman

by Art Kowalk '52

I remember the first time I saw J. P. Willman. It was a grey, chilly day in September, my first lab in An Hus I, my first introduction to a prof at Cornell. I recall how large and cold the Pavilion had seemed, and how I was struck by the thought that this tall, unimpassioned, easy-speaking gentleman before me didn't seem like a professor at all. Yet, in the weeks that passed, I learned that he was truly an aesthete of the farm animal. I remember his calm, gentle way of treating the animals we judged, just as if each of them was an individual pet of his.

Office Pet

These were my thoughts as I walked into his office once again. His dog, upon seeing me, wiggled her entire rear end in the rush of trying to wag her stubby tail. Petting the animal Professor Willman persuaded her to lie down. His ruddy cheeks hid well his blush of embarrassment when told he was to be written up in the COUNTRYMAN. He insisted that they had chosen unwisely: he was not a dynamic personality, with anything outstanding to his credit. He was simply a sheep and hog man who took pride in his vocation. His words came slowly, thoughtfully weighed, just like his every step and action, precise and with no waste of movement.

"I come from northwest Pennsylvania," he remarked, "Up where they say, 'The devil kissed the owl goodnight'." He had come off a farm that was diversified to an ex-

treme and, there, had come in contact with a great variety of livestock and crops. When asked how he had come to think so much of hogs and sheep he thought awhile and smiled. He had acquired a partiality to hogs when, as a young boy, he had invested in a pair of little pigs and, to his father's surprise, raised them into a good-sized profit. His fondness for sheep he credits to a Scotchman, Peter C. Mackenzie, who was superintendent of livestock during his undergraduate days at Penn State.

Hero Was A Vet

He had always, as a boy, dreamed of going to college because his neighbor, a veterinarian from the University of Pennsylvania, had come to be his ideal. "Even to the extent of almost becoming a vet myself," he ventured. His face turned serious and he told of how he had worked his way through college. He had tried everything: waiting on table, firing furnace, feeding cattle and sheep, and driving a team. There had been a time when his money had run low and he had wanted to switch to the two year course. His thoughts changed his expression to a smile again and he thanked God that his advisor had talked him out of it. In his junior year he had even established a boarding house, paying a cook, waiters, and all that went with it out of his savings. This enterprise saw him through his junior and senior years and, although he didn't make a fortune, he did manage to pay his expenses.

Graduate Days

In 1924-25 he did graduate work for his M.S. at Kansas State and then came to Cornell as a 4-H extension specialist. He became a resident instructor in '29, acquiring his Ph.D. in 1933. He told of his presidency of Block and Bridle (of which the Round-Up Club is a

chapter) and of his secretarial position in the New York State Breeders' Association.

We talked of many things as time went on. I recalled some of his jokes and he blinked and shook with laughter at the thought of some of them. They were of the sort that ring with originality, for they were from his own experience. He always tells of one unique encounter with a ram. It seems he was bending over one day, inspecting one thing or another and an especially saucy buck found himself unable to resist the opportunity; Professor Willman found himself with his face in the sawdust. His assistants couldn't contain themselves and neither could he. He's been laughing at the thought of it ever since.

Friend of the Farmer

One of J.P.'s most valuable assets in his ability to talk a farmer's language. The pile of letters on his desk confirms this. There were farmers asking him everything from the price of hogs to the best way to switch to raising sheep. Some wanted a complete line on rations, housing, breeding, pitfalls of the business, and advice on whether or not he thought their farms were capable of supporting this or that type of livestock. He gets calls all day long asking him to come out personally and look over some situation or another. One of his outstanding accomplishments—and he makes the reservation that it was largely through the cooperation of those about him that he was able to realize an answer to this problem—is his discovery that addition of vitamin E to feed rations prevents stiff lamb disease. All this, plus teaching An Hus 70, swine, 80, sheep, besides acting in an advisory capacity to a great many students, keeps him busy. Until

(Continued on page 15)

THE CORNELL COUNTRYMAN

Bill's Stomach Loses Its Privacy

Bill's stomach has lost all its privacy: it has a special direct entrance through Bill's side. By means of this hole, or fistula, students of veterinary medicine and other animal sciences can peer into Bill's rumen and learn the physiology and workings of his ruminant stomach.

Bill, a Holstein steer, was opened to the public in 1943 by Dr. H. H. Dukes who heads the physiology department of the vet college. Bill was anesthetized and Dr. Dukes opened up his flank to sew the rumen wall to the skin. After a week, he cut away the stomach wall, leaving a neat oval hole, six by thirteen inches, leading right into Bill's rumen. The rumen is the largest of the four distinct compartments which make up the large compound structure called the ruminant stomach.

When Bill is not being used in the classroom or in a research project, his fistula is covered by a plug. This plug, shaped like a spool, has a sponge rubber core. It fits into the hole and is held securely by the masonite ends of the spool. The entire device is held together by four bolts. It fits tightly, so Bill doesn't have to worry about losing his meal unexpectedly.

Like A Towel

A student who studies Bill's rumen puts on a long rubber sleeve which reaches to the shoulder. With a flashlight he can explore the stomach by sight and touch. One student remarked, "Bill's rumen feels like a Turkish towel." In this way the entire process of food intake and digestion in the rumen can be studied. Food can also be poured directly into the stomach through this opening to try out the effects of various diets. In the rumen, food is mixed, broken up, and fermented. The routes and effects of different medicines can also be studied by watching the rumen after the dose has been given. The various phases of the "cycle of rumination"—regurgitation, rechewing, reinsalivation, and reswallowing can also be observed. The all-important bacterial

by Roberta Manchester '53

fermentation reaction can also be studied by removing the partially digested food through the hole for analysis.

One of the differences between the human and the ruminant stomachs are the ruminant's bacteria which break down cellulose into more digestible carbohydrates. This is a well advanced mechanism compared to man's simple stomach. Undoubtedly at some stage of evolution, the cow also possessed a simple stomach, but this has changed until we now have the complicated ruminant digestive system. Man discovered this, and has made great use of ruminant animals.

Varied Interest

The ruminant stomach is of greatest interest to the veterinarian, farmer and nutritionist. The veterinarian wants to know about the rumen because so many of the illnesses and digestive disorders that the cow encounters have their origin in the stomach. By understanding the mechanisms of the stomach, he can better treat a sick animal. The farmer wants to know what and how much to feed cows because the food eaten directly affects the cow's milk production. The nutritionist is interested in the chemical activity of the rumen. The cow can

make her own vitamins. All the B vitamins are synthesized by bacteria in the rumen. This eliminates worry about deficiencies of the B complex. The cow can also use cheaper, low quality proteins where simple stomached animals would die unless they had a balanced diet.

Bill is a great pet around the vet school. He is easy to handle, enjoys being the center of attention, bears no resentments and doesn't object to the hole in his side. He doesn't mind being scrutinized, delved into, and dosed with medicines. When Dr. Dukes is ready to feed him the medicine, either by a mouth syringe or capsule, Bill raises his head, eager to take it. As Dr. Dukes said, "Bill is one of the most patient members of our staff."

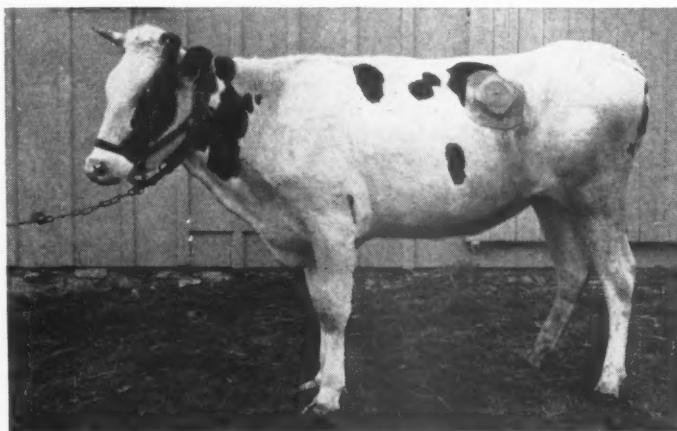
Bill resides in the basement of James Law Hall. During the school year he is confined in a box stall or stanchion. But when the students go home in the spring he gets his deserved vacation too, when they let him out to pasture for the summer.

A Movie Star

Bill has been in the movies—that is, his stomach has. He has also been shown three times during Farm and Home Week at Cornell, and has been exhibited at fairs in Morrisville, and Frankfurt, N. Y.

Bill's value, and that of his fellow

(Continued on page 18)



The hole in Bill's side is well protected from the outside world by the sponge rubber plug which is held in place by four bolts which connect the masonite ends of the spool-like affair.



N.Y.S. College of Agriculture

Obviously contented with the milk from the mechanical marvel are: Sandy Berkman '54, Norwich, Conn.; Betty Showacre '52, Ithaca, N. Y.; and Jan Wahl, Toledo, Ohio.

Fresh Milk - Juke Box Style

Here's the story of an experiment in mechanical milk vending which prevents many late arising students from starvation before lunch.

by Conrad Oliven '53

Dieticians have been anxious to boost our milk consumption for quite some time. Their prayers almost seemed answered last fall, just before Thanksgiving, when a student put a nickel in the milk vending machine in Warren Hall. In went the nickel and out popped bottle after bottle of fresh, wholesome milk.

The free milk was not part of the plan to increase consumption but the milk vending machine was. It, and the other machines at Cornell, are part of an experiment to study various aspects of milk consumption, such as preference of chocolate to plain milk, and time and rate of consumption.

What have been some of the results? This October, over 9,000 units were sold from the machines

in Roberts and Warren Halls. This meant an average daily sale of over 200 half-pints per machine, which Professor P. E. Ramstad, School Nutrition, termed "quite satisfactory" at that time. The following month, sales exceeded 10,000 units.

The probable explanation for this increase is that prices were varied from time to time in the Warren machine to study the effect of price on total sales and product preference. For two weeks, early in November, both chocolate and plain milk sold for a nickel a half pint. An immediate indication of a boost in sales was that the machine had to be restocked every other hour. Previously, when plain and chocolate milk sold at nine and ten cents respectively, it was serviced only

three times a day.

Studies made last November indicate that students apparently prefer chocolate to plain milk, provided there is not too great a difference in price in favor of the plain milk. At a penny's difference, chocolate outsold plain four to one. The ratio decreased when plain milk sold at seven cents and chocolate remained at a dime. Equal amounts of both were sold when plain was further reduced to a nickel.

The fellows that get up too late for breakfast seem to make good use of the machines, as an automatic recorder reveals heavy sales between nine and ten o'clock classes. It further indicates that more chocolate milk is sold between meals.

"This finding is most important

because it shows that we are actually increasing consumption by having milk available at times and places where it otherwise is not," explained Dr. L. A. Maynard, director of the School of Nutrition.

At present, milk vending machines are operated in Warren and Roberts Halls, Cascadilla Dorms, and in the College Stores. Three machines are also located in the downtown GLF buildings, where seven cent milk is topping soft drink sales by about 70 per cent.

Three more machines are slated for the campus. One package machine has just arrived and one of the two bulk, cup vending, machines will be located in Barton Hall. Bulk homogenized milk will "definitely sell for five cents a cup," according to Prof. R. F. Holland of the dairy department, who is jointly conducting this program with Professor Ramstad. Plain and chocolate bottled milk will sell ten cents a unit to cover the higher handling and processing costs, when compared with bulk milk.

Though a University ruling prohibits the use of vending machines on campus, permission was granted to operate the milk machines for experimental purposes. When the experiment is completed at the end of the school year, Professor Holland hopes that the milk machines will continue to be used in the University.

Vegetable Judging Team Wins Trophy

The Vegetable Judging Team has returned with the winning gold trophy from the second annual National Collegiate Vegetable Judging Contest at New Orleans. Sam Mitchell '53 took top honors at the intercollegiate contest with 938 out of a possible 1,000 points.

Jack Wyson '53 placed fifth and Ray Borton '53, sixth in individual scoring. The team, coached by Jay Wright, a grad student in veg crops, competed with six colleges in judging vegetable varieties, diseases, insects, and weeds. Norman Oebker, another grad student, was in charge of the collegiate contest, which was held in conjunction with the 16th annual convention of the National Junior Vegetable Growers Association.

The Curious Countryman

Milk Machine Patrons Register Approval

by Conrad Oliven '53

What do students think of the milk vending machines? The CORNELL COUNTRYMAN conducted an informal poll to find out if students thought the machines rendered a valuable enough service to warrant their use in the future. Here are some of the answers:

1. Dick Rowe '52, general ag

I think they should be continued if they are economically feasible. I haven't used them too much myself but certainly would if I had more classes in Warren or Roberts. They should be in some more of the buildings if enough people use them.

2. Paul Obrist '53, dairy industry

They're a valuable service to the dairy industry itself. They'll stimulate sales—will increase consumption; there's too much milk on the market now. Continue them by all means.

3. Nancy Morrow '54, housing and design

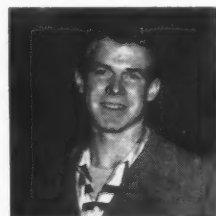
There is a machine here in Warren? I didn't even know about it. Will have to try it sometime, but I'm going over to the Ivy Room for a cup of coffee right now.



Morrow

4. Ward MacMillen '52

From what I've seen of them they get a lot of use. They probably use them as much as they would a coke machine and, personally, I'd rather drink milk.



MacMillen

5. Joseph Hartwig '54, general ag

The other night the top came off one of the containers; it's the only trouble I have ever had with the machines. Sometimes I am late for breakfast and stop to get some milk. If it still sold for a nickel I would drink twice as much.

6. Bill Moder, grad, rural ed

I think it's a service the students appreciate. Occasionally I have seen an empty machine. But the fellow that fills them is always hopping around and they don't stay empty very long. I don't believe they're used as much in winter. During warm weather I averaged a bottle a day but right now it depends on how I feel after a lecture. In warm weather a machine in Stone might be better located than in Roberts. Another one would be good in Plant Science.



Moder

7. Mary Alice Spencer, secretary in Warren Hall

Use them all the time. The machines should also be on lower campus.



Spencer

And, oh yes, what does Allay Spott, the head custodian of Warren Hall, think of the whole idea?

The students should drop the empty containers in the cans provided. But the machine is a good thing—it's real handy. Use it myself once in a while.

Photos by Pringle



Homemaker, Save Your Energy

by Martha Jean Salzberg '51

A generation ago a homemaker spent most of her day in the kitchen. Because other activities were subordinated to this continual process of filling the dinner plates, entertainment as we think of it today was practically non-existent.

Homemakers in many parts of the state have voiced this problem. Their plea goes like this, "We want more time and energy to spend with our families. How can we get out of our kitchens?" This general dissatisfaction was challenged as Mrs. Esther Bratton, assistant professor in the economics of the home department, worked on her Ph.D. thesis. She studied energy expended in household tasks as measured by oxygen consumption. It is the only study that has yet been made on oxygen consumption of household tasks. There have been studies for medical and athletic purposes, but none as applicable to homemakers as the research carried on in the Cornell laboratories.

Testing The Thesis

Mrs. Bratton started her thesis in the spring of '48 and spent six months developing methods of testing. She selected eight movements most common to household tasks, including reaching, bending, stooping, and twisting, and tried to determine how much energy each required. The subjects for the tests were eight young married homemakers of average height, weight and metabolism. They were paid volunteers, all eager to help in this study. Their activities before testing each morning were controlled. Mrs. Bratton brought them to the college by car where breakfast was

provided in the lab to assure the same kind and amount of food. A half hour rest period followed breakfast, so that the women were started with as low basal metabolism as possible.

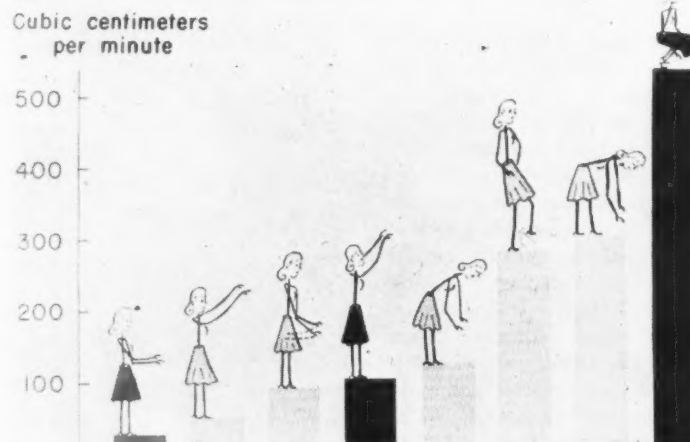
Underlying the findings of oxygen consumption for each of the selected movements was the similar pattern relationship in each of the subjects. Each movement brought a definite increase or decrease of oxygen consumption, even though variation in amount among people was high. This shows that these results will be most likely to recur in actual situations. The home maker who plans her kitchen around these results is assured a more efficient kitchen. She will know that reaching for dishes stored above elbow level requires considerable energy. She will know that it takes only a vertical reach of ten inches to show

a significant difference in the amount of oxygen consumed over that while not moving. The energy increase in reaching above or below the work surface are surprisingly large. They indicate to the home maker the use of a carefully planned arrangement for frequently used storage space.

Reaching is only one of the many activities of the home maker as she goes through her daily routine. She pivots at the waist and reaches up or down for a pan or a spice. These two consecutive movements account for much energy waste. Mrs. Bratton found that oxygen consumed when adding a pivot to the reach was equal to that consumed for a reach of twenty inches higher than the elbow level.

The convenience of using a step-ladder leads the homemaker to store above a full arm's reach. Little does she realize that it takes a large amount of energy to climb seven inches up a ladder. Mrs. Bratton found an increase of 119% oxygen consumption per minute over that consumed while standing.

It is necessary for most housewives to bend to pull out and replace pans. Reaching downward



The eight movements studied: 46 inch arm reach, 56 inch arm reach, 36 inch arm reach and 90 degree body pivot, 72 inch arm reach, 22 inch arm reach and trunk bend, 7 inch upward step, 3 inch arm reach and trunk bend, and 3 inch arm reach and knee bend.

may be accomplished by either a trunk bend or a deep knee bend. Mrs. Bratton found that a deep knee bend took far more energy than a trunk bend. This conclusion will probably confuse homemakers, as they have been told always to bend the knees and not the trunk, since bending from the trunk compressed the internal organs. However, through Mrs. Bratton's study, it is known that it also saves energy. After clearly understanding the choice, it is up to the homemaker to decide between the two types of bends.

Now the problem is: how to get this material to homemakers so that they will make the right decision. She isn't going to come to Cornell asking the leading question: "How can I cut down on the amount of energy I consume as I move around the kitchen?" She is probably not even aware that some activities take more energy and oxygen than others. If she did know she might let it pass as a highly scientific concept over which she has no control.

It is Cornell's job to push its way into the steamy atmosphere of our New York kitchens. Mrs. Bratton is doing just that by publishing her thesis as an extension bulletin which is available to families of New York State. She has broadcasted the results of her study on the Rural Radio Network. Finally, to serve future homemakers, she incorporates her findings in her course, EH 308. For homemakers in poor health and for older people these studies are particularly valuable.

Informing You

In each case the material has been presented in usable form by explaining what the homemaker herself can do to save energy. Mrs. Bratton also hopes eventually to create a demand for energy saving equipment, thus stimulating manufacturers to produce it. Homemakers in yesterday's kitchens are ready for Mrs. Bratton's study. Their long, exhausting days bring to light the need for saving energy. When the information reaches them, through bulletin, radio, or home ec students, it will be an answer to many prayers. Indeed, the study hints that yesterday's cook and provider will soon move out of her kitchen to share a greater part of her day with her family.

Home Ec Offers Eight New Courses

by Martha Jean Salzberg '51

The apartments, housing and design, and child development departments of Home Ec have eight new courses for this year and next. They present valuable material to majors in the particular department as well as a broadening experience for those outside.

Apartment B is the classroom of a new course for those who want practical application in home living. It is taught by Miss Carolyn Crawford, assistant professor in home ec education. For one-half term and three hours credit, six students live and work together in Apt. B. They have a chance to use household equipment, to prepare meals, to entertain, and most important to live together establishing a good cultural relationship. There are three graduate students and three German students living in Apt. B during the second half of this Fall term.

Child Development

The child development department offers two new courses this year. C.D. 462, "Family Systems and Social Structures," is taught in the Fall term by Associate Professor Edward C. Devereaux. It is a three hour course dealing with the relationships between the family and the larger society of which it forms a part. This subject is approached from a comparative point of view by studying families in other cultures. Professor Devereaux stated the objective of the course: "To provide students with a theoretical perspective of the economic and class system norms and of the family norms, and how they influence each other." Mr. Devereaux's other course, C.D. 463, "Seminar in Selected Problems of the Family," is a continuation of C.D. 462 and is taught in the Spring. It emphasizes individual problems under one topic. The topic for this Spring is "Adolescence in the Social Structure." Topics covered in following terms will concern religion, delinquency and other family prob-

lems affected by our social structure.

Home Ec's housing and design department has added five courses taught by Dr. James E. Montgomery. They are three hour courses (except H.D. 410 which is one credit hour) and open to graduates and upperclassmen. H.D. 346 and 347, "Introduction to Housing," is taught in the Fall and Spring respectively. These courses acquaint students with the broader and more basic aspects of housing. The topics covered in H.D. 346 are the history of housing in the U.S., the present social and physical housing environment, family living as it affects house design and planning, and housing inventory and needs. H.D. 347 examines the building industry, housing policies, and current housing trends. Through these studies Dr. Montgomery wants to create an awareness of the general problems in the field of housing and to study some of the ways of improving American housing standards.

Family Facts

H.D. 348 and 349 follow one another in the Fall and Spring terms. They give an intensive treatment of a limited number of social, psychological, and economic areas of housing. H.D. 348 helps students to understand the human side of the socio-technical housing equation. It answers the question: What is the American family like and how *should* its income, occupation, age groups, and personality affect the buying and building of houses? H.D. 349 examines the more important outside forces regulating the American family's housing. This course covers attitudes and opinions of the American family as a consumer in the housing market, socio-economic research, and community and neighborhood planning.

The fifth course is H.D. 410, "Research Methods in Housing and Design." The purpose of this course is to acquaint the student with the

(Continued on page 20)

Introducing . . .



Dee Hartnett

Pringle

Although she's only a short distance away from home, Dee Hartnett has gone a long way at Cornell. Since coming from her family's farm near Moravia in Cayuga County four years ago, Dee has become a leader in several of the campus organizations, but just now she is in the home ec apartments practicing what some of her courses have preached.

This summer Dee had an opportunity to go to Europe and make a pilgrimage to Rome. She says the papal audience was the climax of her trip and that "Rome was the most beautiful place I visited." She toured through France, Belgium, Luxembourg, and Switzerland and "would love to go back again."

Here at Cornell Dee has specialized in extension work and her activity in the 4-H Club has been right down that line. She has worked with the 4-H'ers during the four years she has been here and this year she serves as vice-president of the Club.

Other activities in which Dee has participated include the Newman Club, and the Cornell Grange which she joined this fall. Dee is a sister in Sigma Kappa sorority and during her junior year she acted as social chairman.

Ag-Domecon Council has been one of Dee's more important activities on the hill. She served on the Council as a sophomore and a junior, the second year as secretary of the Council. On looking back Dee

feels that the Council has improved greatly over the past four years but she thinks that it should work more closely with the other clubs.

Both Kappa Delta Epsilon and Omicron Nu, home ec senior honorary, have elected Dee to membership.

A job outside Cornell which fits in with her extension major is Dee's vice-presidency of State Rural Youth. SRY holds meetings and workshops throughout the state, one of which will be held on campus during Farm and Home Week.

Dee spent the first part of this term practicing as an extension agent at Canandaigua but she is finishing up the term in the home ec apartments.

A.M.

Ed Ryder

"We've thoroughly enjoyed our association with Ed, and he's done an excellent job for us."

In these words, Dr. Henry M. Munger of the plant breeding department expressed what a lot of us have felt about Ed Ryder here at Cornell. Without making much commotion about it, Ed has gone through four years chalking up an enviable record scholastically and in his many activities. Variety has been the keyword of Ed's career—and it is interesting to note in how many of his activities he has gone to the top.

Ed was born in New York City.

He went to DeWitt Clinton High School, where he was news editor of the school paper and valedictorian of his class. He came to Cornell in the spring of 1947, and began his long career on the COUNTRYMAN when he came out for the spring competition. In his freshman year he helped found the Cornell chapter of United World Federalists, served as vice-president for two years, and last year was elected president. In his junior year he became a member of Watermargin.

He was writing for the COUNTRYMAN all this time, serving as associate and managing editor last year. He took over the big job of editor-in-chief this year. He has found time for plenty of other activities on the side, though—including the Farm and Home Week News Committee, the Student Council Survey Committee, and discussion leader at the Ag-Domecon Campus Leadership Conference this fall. He is a member of Ho-Nun-De-Kah and last year was elected to Pi Delta Epsilon, the honorary journalism society.

Since the summer of 1949, Ed has been working for Dr. Munger in vegetable breeding, doing field and laboratory work. He has majored in botany with an emphasis on vegetable crops, and unless Uncle Sam says otherwise, he will continue this work after graduation. He plans to go out to the University of Cali-



Ed

Arch

THE CORNELL COUNTRYMAN

... Your Friends



Rich

Tinker

fornia at Davis for graduate work, probably specializing in lima bean breeding.

Ed's career at Cornell can be summed up in a remark of a close friend of his, "He's a hard worker and a darn good guy."

M.P.

Tinker Williams

If you need someone to head a committee or organize a meeting why not get Charlotte "Tinker" Williams? She's done quite a bit of work along that line while at Cornell.

One of her biggest jobs was co-chairing the committee which planned the Student Council Spring Conference on Student Leadership last May. A good many people who attended that conference came back to the campus knowing they had spent a profitable weekend getting to know other campus leaders, their problems, and their ideas.

As president of Delta Gamma sorority and also as president of the senior class she has had many opportunities to use her ability in leadership.

But don't get Tinker wrong. She doesn't just hop from club to club or activity to activity; she likes her studies too. Because she is "very interested in child development and people" she has majored in CD.

This interest prompted her to

work as a nursery school teacher in a clinic for children with cerebral palsy for six weeks this summer. Before that she worked at the Reconstruction Home in Ithaca in connection with CD 130.

She has a full list of activities but when asked about her freshman year she said, "I studied." During her sophomore year she was secretary-treasurer of her class council and chairman of the Women's Junior Blazer Committee. As a junior she worked on the WSGA social committee, was elected junior class president, and elected to Raven and Serpent, the junior women's honorary. This was also her first year on Student Council.

Speaking about the Council, she feels that it needs to be brought closer to the students so that it may encourage student interest and meet their needs more adequately.

As she finishes her senior year Tinker is honored by membership in Mortar Board and in Omicron Nu, the home ec honorary society. After graduation she will marry Frank Zurn, one of last year's M.E. graduates.

M.R.

Dick Darley

"Uniting the Upper and Lower Campuses has been one of my goals here at Cornell," smiled Dick Darley. Looking at his impressive list of activities, people can see that his interests have included many

of the varying organizations that both the campuses offer.

Dick hardly had his frosh cap settled firmly on his head when he was elected president of his class. In his sophomore year, Dick served on the inter-fraternity council as a member of Alpha Gamma Rho, and is now vice-president of his house. He also acted as a representative-at-large on Student Council during his sophomore year. Elected to Ag-Domecon last year, Dick is now vice-president of the council.

Dick is also a member of the Round-up Club. Last year he was treasurer and was appointed assistant superintendent of the Farm and Home Week live-stock show sponsored by the Club. He is superintendent of the live-stock show at present, and a member of the club's program committee. He was also elected to Ho-Nun-De-Kah, and has been tapped by Red Key and Sphinx Head, the junior and senior honorary societies. Dick has returned to college early the past three years as a counselor at Wagon Wheels, the freshman camp. He has recently been nominated for election to Phi Kappa Phi, the national scholastic honorary society.

Dick has done quite a bit of traveling. About six years ago, he visited Mexico, and he makes two or three trips a year from Missouri to Colorado to New York. When he is in the West, Dick likes to

(Continued on page 15)



Rich

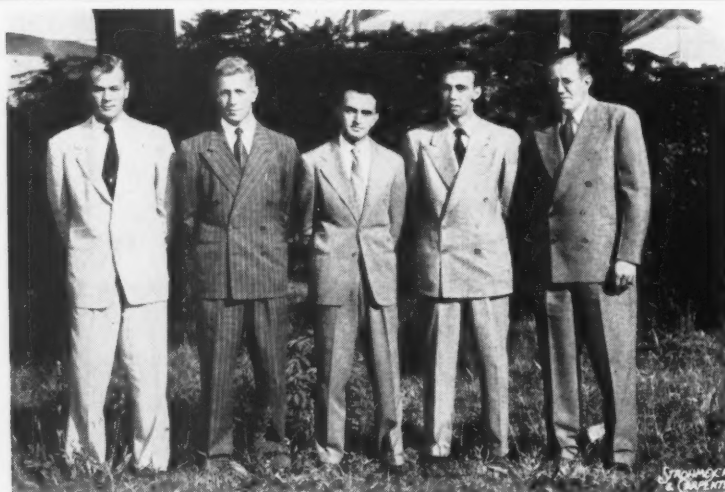
Dick

What's News

4-H Club

Foreign Students' Night was the theme of the December meeting of the Cornell 4-H Club. Representatives from twenty-one countries contributed to make it a huge success. After Don Burton, president, held a brief business meeting, Elizabeth Lightfoot, chairman of the program for the evening, introduced two outstanding members of the Cornell club, who explained the 4-H set up in New York State. Wib Pope '51 discussed the organization of the local club and how it is fitted into a state and national arrangement.

He emphasized that membership in a local club gives a rural boy or girl a feeling of belonging to the community, a better understanding of democracy and teaches him or her the fundamental principles of leadership and proper parliamentary procedure. He also praised the work of local club leaders, who are paid only by "the satisfaction of seeing youngsters develop toward taking an active part in adult community and farm affairs."



Cornell's Dairy Cattle Judging team won second place at the Eastern States Dairy Cattle Exposition and ninth place in the National Intercollegiate Dairy Cattle Judging Contest at Waterloo, Iowa. At Eastern States the team competed against 14 teams; at Waterloo they were matched against 28 teams. The

Then Marg Bailey '51 spoke briefly about the importance of the intangible benefits which are available through the 4-H by the interchange of ideas. By meeting once a month, (or more or less often, as the case may be) and talking among themselves and with their leader, the youngsters are able to take a more objective view of local affairs.

Round-Up Club

The Round-Up Club has announced that the drawing of animals for the annual Student Livestock Fitting and Showmanship Contest will take place at the regular meeting on January 9 at 8:00 p.m. in Wing Hall. This contest is one of the feature events staged by the students during Farm and Home Week.

Any student who wishes to fit an animal for the show is urged to come out and sign-up for the class of livestock he prefers. Beef cattle, dairy cattle, swine, sheep, and horses are all available.

team was first in judging Holsteins at Eastern States. They were awarded permanent possession of the Holstein Cup because this was the third time that they had won top honors in this breed. Members of the team, left to right, are: Bob Thomson '51, Don House '52, Ray Briggs '51, Max Peterson '51, and Prof. George W. Trimmer, the team's coach.

On the Campus Beat

Ag Eng Banquet

The Ag Eng Club held its annual banquet for members and faculty in conjunction with the District Engineers on Thursday evening, December 14. Professor O. C. French, head of the agricultural engineering department introduced the two guest speakers: Professor H. J. Loberg, director of the School of Mechanical Engineering, and Professor N. A. Christensen, director of the Civil Engineering School. They participated in an informal discussion which was carried on by most of those present. The general topic of the discussion was the relationship of agricultural engineering to the other fields of engineering, especially civil and mechanical. The festivities took place at the Cayuga Inn, with Pete Knapp acting as master of ceremonies.

Agronomy Club

The Agronomy Club, founded last January, has now become an officially recognized University organization.

On November 21, Professor Morrell Russell showed color slides of his recent trip through Europe. They illustrated the agriculture of Europe, as well as many of the tourist attractions.

On December 6, three agronomy graduate students, Don Johnson, Ed Clark, and Bob Martin, explained their projects and the general nature of the research being carried on by their fellow grads. Johnson and Clark are both working on the forms of organic soil phosphorus, while Martin is studying the clay make-up of several New York soils.

Pomology Club

December 15 was a date circled by all members of the Pomology and Home Economics Clubs. It marked the evening of a Christmas party sponsored by the two Clubs, the first joint affair they have held. The evening was climaxed by caroling at Vetsburg followed by round and square dancing in the Plant Science seminar room with steaming

cups of cocoa as refreshments. Games and carol-singing rounded off an evening of fun.

December 5th was another important day for the Pomology Club. Monty Marvin, representing the New York-New England Apple Institute, was guest speaker.

On the agenda for the future in a speech on canning, to be given by a representative from the Western New York Apple Growers. Also planned is a trip to the Horticultural Society meeting, where the club will have an exhibit.

Home Ec Club Fashion Show

A fashion show emphasizing costumes for holiday occasions was presented at the December meeting of the Home Economics Club. The gowns were furnished by the Simplicity Pattern Company; Elizabeth Lightfoot was the fashion commentator, and Evelyn Paine, Jean Anderson, Mary Pelton, Marie Waterbury, and Myrna Carter modeled the costumes.

Another highlight of the evening was the presentation of the Borden Home Economics Award which is given annually to that senior in the College of Home Economics with the highest cumulative average. Miss Personius presented the award this year to Ruth Mildred Slowik.

Among the ensembles shown in the show was a black velvet sheath dress, modeled by Mary Pelton, that could be worn with sheer nylon over-skirts of rose, black and white for the more formal occasion, or could be used as a jumper with a sheer nylon blouse for semi-dressy affairs. A traveling suit of raspberry checked wool was modeled by Marie Waterbury and was worn with a black suede waistcoat and matching suede hat.

The ensembles were so arranged as to allow a great deal of mix-matching. Many harmonizing waistcoats, skirts, blouses and sweaters were shown. Dual purpose dresses, such as the tangerine pinwale corduroy skirt and blouse, were modeled by Marie Waterbury. The dress was shown with a small black hat, black pumps, and gloves, but it could easily be worn informally with

(Continued on page 15)

PHONE 2777

The J. B. Lang Engine and Garage Co., Inc.

117-135 E. Green St.

•
Home of I.H.C.

Sales & Service since 1913

•
Drop in and visit our Farm Supply Store and see
our full line of IHC Machinery and Equipment.

*Are you in the know
on where people go
of course it's*

Al's Dairy Bar

Daily Special Dinner
Sandwiches

Fountain Service
This 'n That

COLLEGETOWN

open 'till 12

KAISER — FRASER — HENRY J.
Sales & Service

Ripley Motor Co.

THE FRIENDLY DEALER

We invite you to see the cars that are hailed the World's Most Beautiful—

Also see the Best Used Cars in the Finger Lakes Section.

TIRES — BATTERIES — ANTI-FREEZE — ACCESSORIES
GUARANTEED REPAIR SERVICE ON ALL MAKES OF CARS

602 W. Seneca St.

Telephones 2965 — 2565

Ithaca, N. Y.

Alumnotes

Featured this month are those who donned the cap and gown this past September after the summer session. Some of the graduates have moved from the passenger's back seat to take the driver's position. *Robert E. Amadon* is teaching agriculture at East Meredith, New York. *William A. Edwards Jr.*, *William Diedrich*, and *Richard Helbig* are teaching in agriculture at Rushville, Williamson, and Hamilton, New York, respectively.

A few men have gone on to further graduate study. *Eystein Einset* is in the School of Nutrition at Cornell working for his master's degree. *Murray Lerner* is studying in the Vet School at Cornell. *Howard Rickenburg* is pursuing microbiology at Yale and *William Stalder* is at Purdue studying agricultural economics.

Stanford E. Fertig received his doctor's degree this summer and is now working in the department of agronomy, N. Y. State Extension Service. *Donald Bishop '47*, studied at the Yale Divinity School and this year is continuing his study at Edinburgh, Scotland.

September graduates in various jobs include: *Mrs. Shirley Kabakoff Black*, who is doing social case work in child welfare in Rochester; *Ann Stewart Birch* is a homemaker residing in Ithaca; and *Arthur Dewey* is acting as agricultural representative for the First National Bank in Geneva. *Eugene Ganz* is running his own poultry farm in Hurleyville, New York. *Michel Girod* is a landscape architect in East Patchogue, N. Y., and *C. Powers Taylor* is at the Home Landscape Nursery in East View, N. Y. *James MacNair* is doing publishing work at Rockville Center.

News about other alumni also continues to come in. *Walter D. Whitman '44*, will start work in January 1951 for the Philip Carey Co. in the Connecticut territory as salesman for their building materials. *Harold Barrett '47*, is teaching veterans at Pavo, Georgia. *Robert Klastorin '50*, is employed as an assistant cashier in the New York Life Insurance Co., New York City.

George Whittemore '41, has just



Elodie Mayer

returned to the United States from Liberia, West Africa. He spent four years there with the Firestone Rubber Company as a junior planter, supervising about 450 natives on a plantation.

Turning to the home ec graduates, we find that a few of the girls have been married within the past year!

BRIDE	GROOM
Margaret Murphy '25	William Kuhn
Mary Clare Medders '29	Richard J. Krebs
Josephine Deppoliti '39	Nello Cianfa
Lois Bentley '40	Walter Katovich
Marilyn Manger '46	William Avery
Eileen Carbery '46	Clarence Melton, Jr.
Virginia Galliford '47	William B. Spong
Mirianna A. Seemann '47	Robert G. Lautensack
Vivian Buckle '47	George J. Traendly
Elodie Edna Mayer '48	Kenneth W. Huffman
Beverly Prince '49	Donald D. Haude
Billie Beattie '49	D. H. White
Ethel Quinn M.S. '49	Elmer Holzappel
Sally Richards '49	C. E. Miller
Eileen Bennett '49	Leon Maglathlin Jr.
Joan Keeley '49	Robert Gleason
Barbara Corell '49	Albert W. Lawrence
Virginia Elliott '49	Seward Besemer
Dorothy Schmitt '50	William J. Toleman
Jeanette Gordon '50	Arthur Rosenberger
Adele Hoffstein '50	Norman Potter
Leona Jurkiewicz '50	Philip F. O'Rourke
Diantha Francis '50	Victor K. Pare
Shirley Nagler '50	James W. Coulter
Dorothy Kane M.S. '50	James E. Duff

Virginia Dondero '40, home service representative for the Ted Davis Appliances at San Luis Obispo, California, married Jerard Pfundstein. *Ardath Kruger, M.S.*

'50, social director for the student union at Cortland State Teachers College, became the bride of Robert F. Powell. *Doris Mae Van Eps '50*, an assistant in the Green Room at Martha Van, married Donald W. Burton.

Ruth Thieberger '47, a merchandizing reviewer at Sears and Roebuck, New York City, is engaged to Morton Cohen. *Juledell Rickert '50*, is engaged to Edgar P. Kirsopp, and *Roxanne Rosse '49*, who is doing graduate work in economics at George Washington University, is planning to marry Lt. Edward Simpson of the U.S.A.F.

Christina Steinman '42, is secretary to Michael Hanna, general manager of WHCU, Ithaca, N.Y. *Ruth Vanderwark '47*, (Mrs. Philip Robbins) is studying general home economics at Teachers College, Columbia University.

**This Trademark
Is the Assurance of**

**POSITIVE PROTECTION
Against NEWCASTLE
TRACHEITIS . . . FOWL POX**

FOR more than 36 years the name Vineland Poultry Laboratories has been the poultryman's household word for security from profit losses due to poultry diseases. Yes, both among commercial and backyard poultrymen, in scores of Agricultural Colleges and Experiment Stations—wherever poultry is raised—the supremacy of Vineland Vaccines is universally recognized and acclaimed.

This unconditional acceptance by the poultry industry of Vineland Vaccines has been earned the hard way. Victory after victory has been scored by Vineland Poultry Laboratories in its endless research and unrelenting battles against the ravages of Newcastle . . . Tracheitis . . . Fowl Pox . . . Pullorum and numerous other devastating diseases. In the wake of each Vineland conquest, thousands of poultrymen have—for a few pennies—through immunization, eliminated the risk of mortality. They have learned that for purity and uniform potency, Vineland Vaccines are unmatched for dependability!

FREE! Authoritative literature on poultry disease control, with special attention to the prevention of Newcastle Disease, Tracheitis, Fowl Pox, Pullorum and Coccidiosis.

VINELAND POULTRY LABORATORIES
Box 70 Vineland, N. J.

Busy Bee

The
Place To Eat

at

REASONABLE PRICES

Homemade Chili Con Carni
and
TEXAS HOTS

126 South Aurora
Next to Greyhound Bus Terminal

Phone 2843

BARTHOLF
SERVICE STATION

MOBILUBRICATION
MOBILGAS

TIRES
OIL
ACCESSORIES

Corner of Maple-Dryden Rd.

Ho-Nun-De-Kah Sponsors Foertsch

"The best way to avoid work is to make your hobby your job," said Walter Foertsch '35 in the first of a series of three public lectures on job placement. The series is sponsored by Ho-Nun-De-Kah, the senior agricultural honorary society. Foertsch is head of Walter Foertsch and Associates, Personnel Management and Industrial Relations Consultants.

J. P. Willman

(Continued from page 4)

this fall, he also taught the first part of An Hus I.

As I was about to leave, I asked him if he had ever regretted becoming a professor. He looked at me questioningly for a moment, and the lines of his face deepened. "Students," he retaliated, "have become my life, and to live and work with them is all I ask—I couldn't be happy anywhere else!" As I started to leave, he cautioned, "Don't pile it on too thick." I assured him that I wouldn't and left.

To add to all of this there is the unbounded respect and admiration accorded him by all of his friends. Ask any of them and they'll tell you of his contagious enthusiasm and his knack for getting a job well done. There have been few men who have occupied a place of greater value to Cornell or a position as close to the hearts of his students than J. P. Willman.

Home Ec Club

(Continued from page 13)

the addition of a sweater, scarf and flat-heeled shoes suitable for the classroom.

Sports clothes, such as a MacGregor plaid skating skirt, and plaid pedal pushers were modeled as well as evening wear such as the black striped net gown worn by Evelyn Paine.

Dick Darley

(Continued from page 11)

spend his leisure time visiting other ranches and going to rodeos. His hobby is horses and he owns two which he rides often.

Upon graduation this February, Dick hopes to go to work on his plan for running a cattle ranch in Colorado. B.C.

W. D. LYME

Socony Service

Firestone &
Goodyear Tires

Prestone

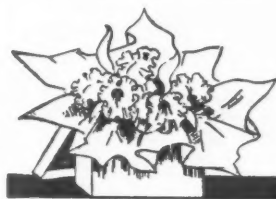
Weed Chains

Phone 9409

112 East Green St.

Make It A Habit
Not An Occasion

Lounsbery
Flowers
'in Collegetown'



PHONE 3327

409 COLLEGE AVE.
(Your Nearest Florist)

Members Telegraph Delivery
Association

Erie J. Miller

**DESOTO
PLYMOUTH
Sales & Service**

Complete Service on
All Makes of Cars

209 S. Cayuga St.
Phone 8718

Flowers

For All Occasions

SPECIAL CORSAGES

and

TABLE

ARRANGEMENTS

FOR JUNIOR WEEKEND

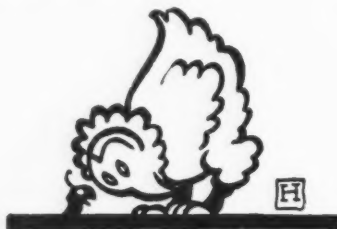
Huntington Gardens

Slaterville Road
Tel. 2058

Poultry Club Hears Hutt

Much of the poultry in England is raised "extensively"—the British way of saying outdoors—Dr. F. B. Hutt explained to the Poultry Club at their November meeting.

Dr. Hutt—"the only man who feeds his chickens a hot meal on Thanksgiving and Christmas"—revealed that the British maintain excellent pastures for their poultry. British poultry farming differs from the American system in that the government is the sole buyer of eggs, for which the poultryman receives a flat rate. This kills the incentive to select for better grades, asserted the Cornell geneticist.



At the meeting it was announced that the Poultry Judging Team took first place at the Eastern Intercollegiate Poultry Judging Contest at Rutgers University in November. Highest scorer was Warren Bishop '51, followed by Louis Talbert '52 and Edward Schano '51. George Lewis '53 and Stanley Connelly '52 were the team alternates. The Judging Team, accompanied by coach G. O. Hall and represented by Frank Trerise '51, William Staempfli, '53, Hubert Wightman '52, and Philip Horton '52, placed twelfth at the national Intercollegiate Poultry Judging Contest in Chicago.

Grange Initiates New Members

On the evening of December 5, the Cornell Grange initiated the following new members: Albert Beard, Sheldon Brink, Richard Eschler, Patrick Fessenden, Dolores Hartnett, Walter Kreutter, Jean Lovejoy, John Meek, Ward MacMillen, Keith Norton, Lloyd Predmore, Homer Pringle, William Sliva, Edna Summerfeld, Richard Teel, Arthur Wilber, Ann Van Winkle.

Varna Garage

▼
**AUTO BODY
PAINTING**

▼
**WELDING
and
GENERAL
REPAIRING**

24 HOUR TOWING

▼
PHONE 2531
Route 13 Varna, N. Y.

Don Streeter TEXACO SERVICE

A complete service you'll like

Prompt and Courteous

529 W. Seneca St.
Ithaca, N. Y.

Can You Identify It?

**"Never yet share of Truth was vainly set
In the world's wide fallow;
After hands shall sow the seed,
After hands from hill and mead
Reap the harvest yellow."**

Do you know who wrote the poem from which was taken the inscription over the Warren Hall main entrance? If so the COUNTRYMAN would like to hear about it, for we are offering a series of prizes to the first to identify this quotation. There are similar quotes on many Cornell buildings and public places which students must notice in passing every day. We are interested in finding out how many students actually stop to inquire into the meaning and source of these inscriptions.

We want you to tell us the name of the poem from which the quotation on Warren Hall was taken, and the author. If you are the first to give us this information you will receive, sealed and delivered, a free two-year subscription to the CORNELL COUNTRYMAN. Those of you who get this announcement late, don't despair—we have a second prize of a one year subscription and third prize of one free issue. Members of the COUNTRYMAN staff are not eligible.

Please send all entries in writing to the CORNELL COUNTRYMAN, Roberts Hall, Ithaca, N. Y. In case we receive several correct answers simultaneously, the winners will be chosen by a drawing. We will appreciate it if the entries be made without faculty aid. But don't delay! The prizes go for the *three correct answers with the earliest postmarks*. If you feel that the COUNTRYMAN'S price is beyond your budget, here is an unusual opportunity to get your subscription free.

TURN YOUR SECOND HAND BOOKS INTO HARD CASH—

Come in and See Our
Typewriters
Slide Rules
Drawing Instruments
Lettering Sets
and
Supplies for Engineers

GET YOUR SECOND TERM BOOKS EARLY



412-413 College Ave.

Sheldon Court

Established 1903

Evan J. Morris, Prop.

Open 'til 8:00

**Fresh Grade A
and
Homogenized Milk**

**Fresh Eggs
From Our Farm**



Lake View Dairies Co., Inc.

Phone 2153

609 N. Tioga St.

Bill's Stomach

(Continued from page 5)

dairy animals, can not be over-emphasized. Our entire economy depends upon agriculture for many of its wants. Agriculture, in turn, depends greatly on dairy cattle which because of the ruminant stomach can consume grass and other for-

age worthless for human nutrition and transform them into food for humans. Our milk and all our dairy products come to us via the ruminant stomach. The greater part of our meat supply and most of our leather goods come from ruminant animals.

As Dr. Dukes expressed it, "The

cow can be considered the 'foster mother' of the human race. Without the cow the western civilization would come close to collapse and our entire way of living would have to be altered. The cow is therefore a great necessity to human welfare."



Armour Quiz . . . Test your knowledge!

How many of these questions on the livestock and meat packing industry can you answer?

Questions

1. How many meat packers buy farm livestock?
☐ 4 ☐ 400 ☐ 4,000
2. Who are the cleanest people on earth on the basis of soap usage?
☐ Dutch ☐ Americans ☐ Chinese
3. About how many pounds of meat did the average American eat in 1950?
☐ 130 ☐ 145 ☐ 170
4. How many people own Armour and Company?
☐ 350 ☐ 3,500 ☐ 35,000

Answers

1. Armour and Company is one of 4,000 packers competing for supplies of meat animals.
2. Americans use the most soap—25 pounds per person per year. (Dutch, 24 pounds; Chinese, 20 ounces). Americans are fortunate in having plenty of soap as a by-product of animal agriculture and meat packing.
3. The average American ate a little more than 145 pounds of meat last year.
4. There are approximately 36,000 Armour shareholders.

ARMOUR

AND COMPANY

Union Stock Yards • Chicago 9, Illinois

"Where Printing Gets Done"

NORTON
PRINTING
COMPANY

317 East State Street
ITHACA
Phone 41271

Margot Pringle Wins Livestock Judging Contest

Margot Pringle '53, took first place in the senior division of the Round-Up Club's Student Livestock Judging Contest last month. Other winners in the senior division were Herman Hensel '51, Jesse Hannan '51, Joseph Narrow '53, and John Leveridge '51, in that order.

In the junior division, Wilbur Dingler '54 and Glenn MacMillen '54 tied for first place. James Ritchey '54 was third and Albert Rosenthal '54 took fourth, while Forrest Davis, Robert Lynk '54, and Luis Montero '52 tied for fifth.

Good News

for

Super-Size

MILK SHAKES

Made the way

YOU like 'em

Come to

**THE PLAZA
DAIRY BAR**

also

Tasty Snacks

Delicious Meals

Just outside city limits

on Elmira road

7:30 a.m. — 11:30 p.m.

Slips In The Press

Colorful Ad Copy

Maternity dress magic, to make the heir unapparent.

(Filene's, Boston)

The most walked about shoe in America.

(Florsheim Shoes)

Ski clothes for the beautiful but numb.

(R. H. Macy and Co.)

Some Fun!

Barton is now on a honeymoon with his wife, the former Miss Jean Northrup. When he returns next week, he will be sent to the Marine Hospital until he has recovered from the shock of his experience."

Buffalo Courier

Now Wait A Minute

Experienced meat cutter wanted for full-time position. Apply Room 102, State Hospital.

Osh Kosh News

That's Easy!

"Young lady to mark merchandise. Must have some business experience and be willing to learn. Permanent position with good salary."

Walla Walla Tribune

Good Material.

In a display filled with sporting goods and golf equipment, Bamberger's Department Store in Newark, N. Y., had this sign under their socks for men. "A hole in one every time with Bamberger's sport socks."

Wiggling Low.

"The Chinese Communist delegate was wormly greeted by the Soviet Union."

Detroit Lines

Fast Work

General de Gaulle appointed an eight man commission to add 12 million babies to the population of France within the next decade.

New York Advocate

Oh Yes?

It is permissible to spank a child if one has a definite end in view.

Baby Psychology

Off Base

Help wanted: Base vile player needed for small orchestra.

Fremont Clarion

Any Arsenic?

A Chicago restaurant offered:

"Today's special—Dreaded Veal Cutlets."

Chicago Tribune

Doesn't Everyone?

Mr. and Mrs. Seligman have lied most of their married life in Hartford.

Hartford Herald

Congratulations

The COUNTRYMAN announces with pleasure the election of the following compets to the staff:

Editorial: Ann Batchelder '53, Dave Bullard '53, Barbara Chamberlain '53, Rhodalee Krause '54, Roberta Manchester '53, Blanche Miller '53, Kay Wolf '54.

Art and Photo: Mike Gilman '54, June Petterson '53.

Business: Jean Lovejoy '53, Ken Bell '54, Avis Pope '54, Ted Rogers '53, Bob Snyder '53, Fred Strawson '51, Hugh Teweles '54, Beth Trever '54.

B.A. Injured

Professor Bristow Adams was injured in a car accident last month. He is recuperating at Packer Hospital, Sayre, Pennsylvania.

THE CO-OP'S ANNUAL JANUARY BOOK SALE

Nearly two thousand books in varied fields—History, Art, Economics, Religion, Biography, Music, Science, together with an excellent selection of recent Fiction by well-known authors.

These books are mostly new and are publisher's remainders which originally sold at prices ranging from \$2.50 to \$5.00. We've arranged them on two big tables for this sale.

TABLE NO. 1

YOUR CHOICE—49c EACH

TABLE NO. 2

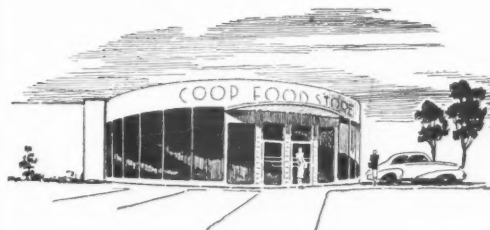
YOUR CHOICE—98c EACH

COME IN, BROWSE AND BUY!

THE CORNELL CO-OP

BARNES HALL

ON THE CAMPUS



The New

Co-op Food Store

609-619 W. Clinton St.

Tel. 2612 — 2680

Grade A Meats

Fresh Fruits and Vegetables

Co-op and Nationally Advertised

Brands Groceries

Sea Foods — Fresh Baked Goods

Consumer Owned and Controlled

Up To Us

A Step Forward

At its December meeting Ag-Domecon Council voted unanimously in favor of forming a Student-Faculty Committee for the College of Agriculture. They also voted to undertake a study of student opinion; this study should be under way now.

This committee could be similar to the one which has been operating in the College of Home Economics for three years now. The home ec committee has completed some worthwhile accomplishments during its relatively short existence.

Although the Council's ideas of what this committee should do were a little nebulous they felt that it would have a purpose and would be useful.

We feel that it will be useful and can serve a purpose if its members devote the necessary thought to the meetings. One of the most obvious functions of the committee would be to act as a forum for students to air their gripes about the way courses were administered. Another thought is that the committee might also give hearing to professors who had opinions about the students' attitudes in their classes.

Above these functions, however, is the idea that the student-faculty group could serve as a meeting place where ideas might be exchanged which would result in the improve-

ment of the courses and the total program of the College of Agriculture.

This would be the long range goal. It would mean that the members of the committee would have the obligation to keep themselves well informed about the opinions and ideas of the student body as a whole. Just knowing the thoughts of one small group will not do here, for the members of this committee will be representing the entire faculty and the entire student body.

We see here an excellent opportunity for the students, through Ag-Domecon, to initiate and realize an idea, which in time, can build a better and stronger college for us all.

Straight To Country

"Say, Jack," said one arts students to another, "I hear the ag students are coming down to the Straight this week."

"Yeah," said the other, "there better be foot scrapers at the door so they don't track manure all over the place."

This brilliant conversation didn't actually take place, but it is somewhat indicative of the attitude of some Cornellians towards the Upper Campus. So, if you get a little hot under the collar about "those dumb guys from the Lower Cam-

pus", then, old chap, it's time to start a little thinking.

Why do some people think there is something queer about people on the upper half of the Hill? What's the big idea of this Straight To The Country Day anyway?

The answer, friends, lies in ignorance. They don't know us. They ought to know us. Many of them want to know us.

So Straight To The Country Day (Jan. 11-12) comes as a blessing indeed. Here's our chance to poke our quivering nostrils into the dark recesses of the Straight and see how they live "down there". Let them, too, get a look at us and see that there is no hayseed in our hair (at this time of year anyway), no manure on our shoes, and that some of us even wear white bucks and grey flannels.

Then too, can we introduce ourselves to some of the organizations whose activities center around the Straight. Many of them are worth knowing, and perhaps, joining.

After all, in the years ahead, when someone asks us what college we attended, what will we say: "Cornell", or "The New York State College of Agriculture"?

It's about time that we started erasing the imaginary line between the "two campuses". We're living in a world of close contact among all walks of life. Let's start now in trying to find out what others do, and think, and say. Why handicap ourselves in ignorance of other ways of life. Let's be Cornellians in fact as well as name.

Home Ec Courses

(Continued from page 9)

basic aspects of research methods as related to problems in housing and design. Each student will have an opportunity to work on a graduate thesis or undergraduate problem, using the techniques taught in H.D. 410. The role of research in housing, use of library materials, ways of analyzing data, and techniques of presenting findings are some of the ways this course gives the student background for advanced work.

Crispell Charter Service

**Deluxe Highway Coaches for Charter
for all occasions**

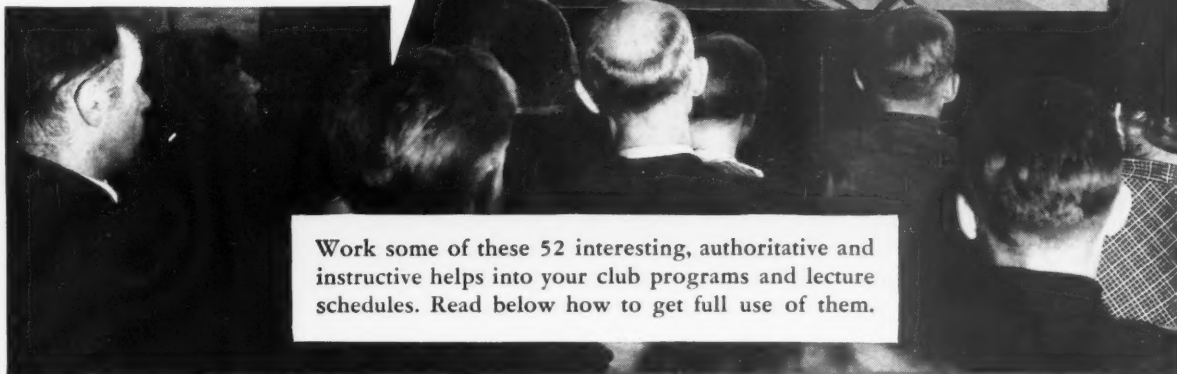
PHONE SLATERVILLE 25

- CLUB OFFICERS!
- INSTRUCTORS!

52 AIDS

TO INTERESTING PROGRAMS
AND LIVELY LECTURES . . .

NO CHARGE!



Work some of these 52 interesting, authoritative and instructive helps into your club programs and lecture schedules. Read below how to get full use of them.

12 MOVIES—all 16 mm., in full color and sound! "Soil and Life" is on soil conservation. "Win Against Water" tells about terrace building. Ten others.

13 BOOKLETS—based on above films, with same or similar titles. Several additional booklets, independent of movies. All profusely illustrated, clear, interesting.

7 SLIDE FILMS—with accompanying phonograph record or narrator's script—teach safety, conservation farming, proper use and care of machinery.

17 POSTERS—and charts, 24 by 36 in., easily read on classroom wall. Include machinery cross-sections, conservation farming methods, farm safety, etc.

3 OUTLINES—help teach class or club the essentials of building a pond, of contour farming, of grassland farming. Each member can have his own copy.

MORE COMING UP! Other movies, booklets, and additional teaching aids are now in production. Look to Case for visual education materials on advancing farm practices.

Send for free catalog. It lists and describes all Case visual education materials, tells how to schedule films, how to order booklets and posters. A real help in planning your program or lecture schedules. Address nearest branch or Racine office.



CASE

Films are loaned and printed matter provided without charge to agricultural colleges, student clubs, extension workers, county agents, vocational agriculture teachers, etc. Schedule movies through your nearest Case dealer or branch, or write to Educational Div., J. I. Case Co., Racine, Wis.



THE ARTIST AND THE ARTISAN

The bust of Beethoven, shown here, was carved by Theodore J. Erdman, pattern-maker and designer, John Deere Van Brunt Company, Horicon, Wisconsin.

There's a kind of magic about some men, a sort of wondrous wizardry that empowers them to search out Beauty in its most secret hiding place and bring it within the reach of folks like you and me.

It's the kind of magic that enables the composer to hear a melody in the silence of the night, and to turn it into sound . . . that permits the artist to lure a landscape from the spectrum, and fasten it to canvas . . . that enables the artisan to see an image in a block of oak, and to free it from its prison.

And you and I are quick to recognize the gifted ones, to offer ready pedestal to the Beauty they create.

But, then, we must remind ourselves that much the same skills belong to some who create functional things. We remember that the designer must have the artist's eye, that the pattern-maker must have the sculptor's touch . . . that *all*, in art and industry, who aspire to excellence must have two things in common—*pride in their work* and an "*infinite capacity for taking pains.*"

★ ★ ★ ★ ★

An artisan in his own right, John Deere, more than a century ago, set the standard of craftsmanship for those who have carried on his work, when he said: "I shall never place my name on an implement that hasn't in it the best that's in me."

JOHN DEERE • MOLINE • ILLINOIS



High
Efficiency
BEACON
complete
STARTER

...available with **NITROSAL***



C. L. Henry, Superintendent of Beacon Poultry Research Farm feeding chicks. At his left is one of our new type experimental electric brooders using a small glass plate with metallic paint as the heating element for true radiant heat.

... for Faster Growth, Greater Protection against Coccidiosis, Higher Feed Efficiency

Beacon Complete Starter, a favorite with thousands of Northeastern Poultrymen, may now be ordered with NITROSAL. Our experiments to date involving more than 80,000 birds have shown that with the Nitrosal feed we get faster growth, higher feed efficiency, better pigmentation on skin and legs and greater uniformity in the flock.

Backed by 29 years of painstaking research, Beacon Complete Starter has won a reputation for balanced chick development, better fleshing and feathering with fewer barebacks—on less feed. Records show that many Beacon feeders *average* less than 3 pounds of feed per pound of meat at weights of 4 pounds or over per bird (9 to 12 weeks).

For the past year, Beacon Complete Starter has contained a Vitamin B12 and antibiotic supplement for greater efficiency, faster growth. On special order, it has been available fortified with the anti-coccidiosis drug sulfaquinoxaline (continued for 1951).



Reach for the ★ ★ ★ Stars
at your
BEACON DEALER'S

** Green Stars on Sulfaquinoxaline and Nitrosal feed bags

Follow the BEACON System

After using Beacon Complete Starter, keep your birds on the Beacon System of feeding. For **BROILERS** switch to Beacon Broiler Feed at the end of 4 weeks—for future **LAYERS** add grain at the end of 6 weeks—then use the economical Beacon 70/30 Feeding Plan after 12 weeks or—after 6 weeks on Starter use Beacon Grower All-Mash.

THE **Beacon** ★ ★ ★

*On Order

Milling Co., Inc., Cayuga, N. Y.
Eastport, New York York, Pennsylvania

It's For



YOU



CORNELL'S 40th Farm and Home Week from March 19 to 23 is for students as well as for farmers, homemakers, and rural youth. More than 1,000 students will be showing visitors around campus, serving refreshments, conducting exhibits and generally keeping the schedule working smoothly. All students on the campus, however, are invited to come to see and hear about the latest developments in agriculture and home economics.

The five-day program lists more than 500 events that would be hard to match anywhere for variety and timeliness. Special programs will attract people from all parts of the state and the expected 15,000 visitors should lend a festive air to the proceedings.

The State Colleges
at Cornell University

CONTENTS

Talking Back	page 3
Letters-to-the-Editor Column	
Countryman Contest	page 3
Animal Psychology Is Good For Humans Too	page 5
by Ann Batchelder '53	
The Curious Countryman	page 6
What Your Professors Gripe About	
by Conrad Oliven '53 and Homer Pringle '53	
Mt. Pleasant—Experiment in Conservation	page 7
by Jean Lovejoy '53	
State Rural Youth, Leader of Organizations	page 8
by Rhodalee Krause '54	
Professorship Memorial for H. E. Babcock	page 8
Time To Get Acquainted	page 9
The Home Ec Student Counselors	
by Blanche Miller '53	
Over A Hot Stove	
Where Is Woman's Place	page 10
by Martha Jean Salzberg '51	
The Dress Parade	page 11
by Barbara Chamberlain '53	
Introducing Your Friends	page 12
DOT STILWELL	JEAN LARKIN
EVAN HAZARD	J. C. HUTTAR
Club and Campus Clearinghouse	page 14
Alumnotes	page 16
Emergency Food? Try Potatoes	page 21
Farm and Home Week Preview	page 21
Slips In The Press	page 22
Up To Us	page 23
Editorials	

OUR COVER . . . Now here's a man in a pretty fix, a good supply of both valentines and pictures. We hope it's good luck for the gent—Bill Taylor '53.

The Cornell Countryman

Founded 1903 Incorporated 1940
Member of Agricultural College Magazines, Associated

Editor Michael v. E. Rulison	
Managing Editor . . . Margot Pringle	Mall Circ. Mgr. Doris Stilwell
Business Mgr. . . William Hoffmann	Asst. Adv. Mgr. Anna Maler
Adv. Mgr. Robert Snyder	Campus Circ. Mgr. . . Kenneth Bell
Home Ec Editor Martha Jean Salzberg	
Photography Editor Wallace Rich	
Art Editor Betty Ann Jacques	
Associate Editors	
David Bullard	Phillips Foster
Conrad Oliven	Brooks B. Mills
	Martha Trever
Editorial Board	
Ann Batchelder	Stephen Greenberg
Barbara Chamberlain	Virginia Jackson
Frank Grasberger	Arthur Kowalk
George Goldman	Rhodalee Krause
	Roberta Manchester
Business Board	
Pat Behrman	Jean Lovejoy
Rina Cecil	Avis Pope
Frances Davison	Rita Rattman
Joan Jago	Ralph Rogers
Art and Photography Board	
John Frisbie	Mike Gilman
	June Petterson
	Homer Pringle
Board of Directors	
Professor A. W. Gibson	Mr. W. D. McMillan
	Professor W. B. Ward
	Mrs. Marion Stocker

The Cornell Countryman is published monthly from October to May by students in the New York State Colleges of Agriculture and Home Economics, units of the State University of New York, at Cornell University. Entered as second class matter at the Post Office, Ithaca, New York. Printed by Norton Printing Co. Subscription rate is \$1.00 a year or three years for \$2.50; single copies, 15 cents.
Vol. XLVIII—No. 5

Talking Back

Letters-To-The-Editor

January 13, 1951

Dear Sir:—

I understand that one of your intrepid reporters has been on my tail for several days without being able to step on it.

He has been wanting (according to my secretary) a statement on my "gripe against students."

I have only one gripe. The average Cornell student wouldn't want to be caught dead in a professor's office. The traditional thought seems to be that only apple polishers ever enter a professor's office. Only recently I heard a student complain publicly that professors don't know students personally. Students must take the first step in this matter if they are to be known personally by teachers! At the beginning of every course I teach I beseech students to come into my office to clarify troublesome points. Very few bother to do so—yet will gripe after an examination about these very troublesome issues.

End of quote. End of gripe.

Sincerely yours,
R. M. Smock

Countryman Contest

You still may win a free Cornell Countryman subscription! In the January, 1951 issue we announced we were offering prizes to those who could identify the quotation over the Warren Hall main entrance. We have not yet received a correct answer, and there is still time for you to get in under the February 20th deadline. So if you know the author of the quotation over the Warren Hall door, and the name of the poem from which it was taken, hurry and tell us. We are still offering a first prize of a free two-year subscription to the CORNELL COUNTRYMAN, a second prize of a one-year subscription, and third prize of one free issue. Prizes will go for the three correct answers received with the earliest postmarks. We request that all entries be made without faculty aid, and mailed to the Countryman office in Roberts Hall. Act fast while this offer for a free subscription is still open.

*They'll Be Husky Heifers
Come Round-Up Time
Next Fall . . .*



BOYS will be boys and calves will be calves—but not for long. All too soon boys become men. Even sooner, calves no longer are cute pets, but must be measured in terms of potential value to the dairy herd. Each calf is marked when born—to be eventually just another cow or a good milk producer.

Every year thousands of Northeastern dairymen are finding that by using G.L.F. Calf Starter they can give a calf the start needed to grow quickly to its inherited ability and at the same time save milk and feeding time.

Milk and G.L.F. Calf Starter go together for best results in raising a calf. (Because of the savings, many dairymen use a substitute for milk such as Calf-Kit.)

From three weeks on a calf will begin eating more and more Calf Starter with her milk diet. At about 8 to 12 weeks all milk can be eliminated and additional Calf Starter fed for it contains plenty of bone building minerals as well as growth and health promoting vitamins.

When the calf is consuming a good amount of high quality hay and some fitting ration the Calf Starter can be cut out. This usually comes at about 16 weeks of age.

This feeding plan is raising thousands of husky, healthy calves every year, and saving money for their owners. Have some G.L.F. Calf Starter on hand for the coming calf crop.

Cooperative G.L.F. Exchange, Inc., Ithaca, New York.

G.L.F.
Calf Starter

Animal Psychology Is Good For Humans Too

by Ann Batchelder '53

Your nervous breakdown may be prevented by this pictured white goat who lives at the Cornell University Behavior Farm north of Varna, New York. By learning how to produce and cure neuroses in goats like this one, psychologists hope to find out how to prevent and cure neuroses in human beings.

Two psychologists, Dr. H. S. Liddell, head of Cornell's department of psychobiology, and Dr. A. U. Moore, manager of the farm, are now carrying on the extensive experiments with sheep and goats at the Behavior Farm. Since animals and people are so similar, cures which they find for the animals are likely to carry over to humans as well.

Being interested in conditioned reflexes, Dr. Liddell visited in 1927 the man who first discovered how they were produced—Pavlov, the Russian scientist. Dr. Liddell's first work on conditioned reflexes at Cornell was concerned with the repetition of Pavlov's experiments. Later on Dr. Liddell began to specialize in the anatomy of nervous strain. The possible outcome of the research took on such importance that the special lab was built outside Varna in 1938.

Reflex Experiment

For a typical experiment the psychologists put a normal goat in one of the seven small cement rooms off of the lecture room at the lab. A harness is strapped around his middle and arranged so that his movements are automatically recorded on paper in another room. Two wires are fastened around one leg and a light in the corner is turned on.

When the goat's leg is "pricked" by a slight electric shock, he responds by lifting his foot. When another factor, such as a fading light or a ticking metronome, is introduced ten seconds before the shock, the goat learns that they can be

expected together. After the beginning of such a signal, waiting for the shock builds up anxiety and tensions in the goat.

It is not too easy to turn this goat into a neurotic animal, but after thousands of doses of a certain routine—signal, ten seconds wait, shock, at two minute intervals for an hour each day—the repeated strain may produce in the goat a state that is analogous to human neurosis. The goat's symptoms are similar to those seen in people. He loses his social sense and stands off from the rest of the herd when he's out at pasture. He is plagued by insomnia at night, and startles very easily since his interpretation of his environment has changed.

War Nerves Cure

Several possible cures of neurosis are being tried. Just as the goat responds to a change in environment, so do people. This principle was used during the last war when soldiers were deconditioned much as Cornell's goats are. If the signal is given to a conditioned goat with

no shock, he responds at first by lifting his foot. Soon he learns that the signal is not followed by a shock and stops lifting his foot. A whole platoon of soldiers might have been under steady fire which produced battle shock. If they were allowed to repeat the experience without the shock—crawling along with the noise but no bullets, they might overcome this fear.

The psychiatric interview does much the same thing. Just as the shock relaxes the animal after the tension of waiting for it, so the advice of a psychiatrist relaxes his patient. The drawback is that this takes too long—and there are too few psychiatrists compared to the number of people who need them. Therefore a shorter cure is being sought.

Brain Surgery

This past summer two brain surgeons visited the Behavior Farm to test a theory for a cure based on the fact that the frontal lobes of the brain are not necessary for life. When these were removed from a neurotic sheep, he was completely cured. He had forgotten what he had learned and therefore had forgotten his fears. So far, this treatment has been used only on the human psychotics who were a menace to society. Although they suffered some loss of initiative they got along satisfactorily.

(Continued on page 24)



D. A. U. Moore attaches a harness for administering a shock to one of the Behavior Farm's 140 experimental animals.

—Three Lions

What Your Professors Gripe About

by Conrad Oliven '53 and Homer Pringle '53

Before you criticize your prof next time, read what he has to say about you. *The Cornell Countryman* put a few profs on the spot this month—asked them to unleash their gripes about students.

We were prepared to print a few "unprintable defamations" of the student body. Instead, we found the profs harbor no serious gripes. In fact, we really had to pry for those we dug up and we want to emphasize that they are directed toward a negligible minority on the campus. Our only regret is being unable to include the views of the entire faculty, for we feel they're all sincerely interested in us and all are very human.

Here are the "gripes" of some.

E. C. Raney—zoology and fishery biology

My regular courses in vertebrate zoology and ichthyology are rather specialized. I have many grads—that gives undergraduates more stimulus. We get along fine. We don't have to motivate anyone; they know what they are here for.

G. O. Hall—poultry husbandry

One thing that has bothered me once in a while is a student's arguing over half a point or a point on an examination when his interpretation of the question is different from that of the instructor. Another thing is unexcused absences. Minor annoyances in class don't bother me, but they are objectionable to most students.

B. L. Herrington—dairy industry

Well, I don't smoke. If I have any gripe at all it's people coming in my office and leaving cigarette stubs all over the table. It's an awful messy thing to clean up ashes after them.

It's a shame that the typical student doesn't ask questions. If he fails to understand something and doesn't ask about it, he wastes his and the professor's time.

Sometimes we are inclined to say, "We'd have a great institution if we didn't have students;" but when everything is quiet around

here in summer, we certainly miss them.

(Miss) O. Singleton—textiles and clothing

Students could improve their use of mathematics and could develop a keener sense of observation. Some tend to have imagination inhibited by convention. Yet I think they are all pretty wonderful and I'm very enthused about working with them.

N. C. Brady—agronomy

When you see a student do something out of the ordinary, you are apt to question his intentions. However, when you get to the core of the problem, the student is generally perfectly justified for his actions. What interests me is the honesty of all but a few of our students.

Today's student neglects the *why's*—the fundamentals of an education. Good grades and making a living after graduation seem to be in the foreground. I don't blame the student for this attitude but wish we could induce him to take a broader outlook.

M. E. Brunk—marketing

Students should take some initiative in a course. I've found that they gripe if they can't get anything out of a course. If this is the case, the fault usually lies with the student, not the professor. Therefore, I've never really griped about them.

J. J. Wanderstock—animal husbandry

The keynote in my courses is informality. I have close contact with my lab students. There are a few who might feel, 'He's an easy-going guy,' and try to sneak out of responsibility. Still, I believe it's better than a stern attitude. I like to see students drop in at the office and let me know how they're doing.

B. A. Jennings—ag engineering

Students will do what is expected of them. Yet the boys lack basic training; a better background in physics and mathematics would help them to think more instead of trying to remember formulas. When a student gets a good grade in a prelim his attitude is that he knows a lot.

But students are human—have the same troubles as anyone else. It's not the students fault—it's the fault of the professor and of our educational system. This is a real challenge to us.

W. B. Ward—extension teaching

I like to associate with students or I wouldn't be teaching. I have, however, a genuine gripe against the student who continually tries to get by with preposterous excuses. That type of student doesn't live up to his full capabilities.

(Miss) G. Steininger—food and nutrition

So many students have been accused of apple-polishing that they lean the other way in contacting us. We encourage students to come in and raise questions about their exams. But I don't admire the student who quibbles over getting her mark raised when she definitely knows her answer to be wrong. Sometimes a little more thoughtfulness on the part of the student is greatly appreciated by the professor.

G. A. Swanson—conservation

I have no real "gripe," but I do have a feeling that too many students are letting the present prospects of military service interfere with their college work. Too many are canceling out of school prematurely and are penalizing them-

(Continued on page 19)



Left to right: Professors J. J. Wanderstock, Max Brunk, B. A. Jennings and N. C. Brady.



Mt. Pleasant-- Experiment in Conservation

by Jean Lovejoy '53

The hilly and submarginal land on Mt. Pleasant was almost worthless when it was purchased by the United States Government. Now under the supervision of Cornell University, parts of the land are producing wheat yields of 30 bushels per acre, corn yielding 55 bushels per acre, and the hay and pastures there are being used to raise some of Cornell University's best dairy heifers.

The Mt. Pleasant Tract of 1077 acres is located in an upland area about seven miles east of Ithaca and two miles south of Varna. The area was purchased by the Federal Government for less than \$15 an acre during the middle 1930's. Occupants of barely existing farms on the land were given aid to move to more productive areas.

Acquired in 1940

Before turning the property over to Cornell University, the government did considerable work removing hedgerows, building a large barn and manager's residence, and constructing fences. After improving the area and providing better facilities for research, the Federal Government leased the entire 1077 acre

tract to Cornell University, the final agreement being signed in 1940. Since then the land has been managed by the departments of agronomy and animal husbandry in the College of Agriculture.

Grass Proving Ground

The agronomy department was allocated 131 acres, most of which is now in small experimental plots. The animal husbandry department was allotted 356 acres for growing corn, hay, and pasture. Findings of the agronomy department are applied to the experimental work of the animal husbandry department. Each is seeking to discover the most profitable system of farming on the area by the use of a grass type farming and soil improvement program.

In their attempt to discover the best farming for the area, the agronomy department is experimenting with systems which involve certain combinations of crops and varying fertility levels. Liming experiments are being carried on with the previously acid soils.

An intensive hay making study is also in progress. Interest in legumes and grasses concerns the animal

husbandry department as well as agronomists because the experimental acreages of hay are used for feeding the College's cattle. A large number of strains of legumes and grasses are tried here. The initial trials with Birdsfoot Trefoil were conducted on the Mt. Pleasant farm and Caldwell Field. Hay quality on Mt. Pleasant has changed radically since the experiments began. Red clover is now grown where poverty grass, blackberries, goldenrod, and other weeds once grew as hay. By adding lime at the rate of one ton per acre, red clover is now being produced at the rate of two tons per acre. On the formerly worthless land, corn is yielding ten tons of silage or 55 bushels per acre. Crop plans for the agronomy acreage include about 75 acres in experimental plots and 35 to 40 acres in hay (including seed).

One Head To The Acre

This land which produced such poor grass that it would support no cattle now supports one head per acre because of the improved grasses and management. Forty-five to fifty beef cattle are pastured on about 45 acres of the Mt. Pleasant tract from May 15 to November 1. The purpose is to fatten these cattle using minimum amounts of grain. Where some grain and concentrates were fed to the

(Continued on page 18)

State Rural Youth, Leader of Organizations

by Rhodalee Krause '54

As a special feature of Farm and Home Week this year, the New York State Rural Youth Conference will hold a two day workshop at Cornell. This year's program will start on Wednesday, March 21. The theme of the workshop, "Building the Rural Community," will be developed through lectures, panel discussions, and recreational activities. In addition to registering for Farm and Home Week in Roberts Hall, all rural youth are invited to register with the Conference in Warren Hall.

The New York State Rural Youth Conference is made up largely of leaders from other organizations. The group is composed of officers and an advisory committee who are leaders in the Extension Service, G.L.F., Grange, Rural Church Institute, Dairy-men's League, and teachers of vocational and home economics courses in high schools. These members of the advisory committee help out financially and with resource material for the annual conference. The conference's primary purpose is to give information and provide recreation for the State's farm youth.

Future Rural Church

One topic included in the workshop is a talk by Professor C. M. McConnell of Boston University School of Technology entitled "How I See the Future Rural Church." Other lectures will be given on: early rural industries in New York State, father-son arrangements, ways of acquiring a farm, courtship and marriage, and recreation in the rural community.

A special feature of the conference concerns a youth panel entitled "Farm Family Partnerships," made up of young people and parents from New York State who are in a farm family partnership. Not only will the panel discuss the importance of the father-son relationship, but also the part the daughter-in-law and mother play in the farm family.

A performance of Haydn's "Creation," the Conference banquet, and a square dance sponsored by the Ag-Domecon Council will round out the activities of the two-day meeting.

Officers From Campus

Cornellians play an important role in Rural Youth's administration, both on state and national levels. Dee Hartnett '51, is vice-president of the Conference. National Rural Youth U.S.A. has Harry Schwartzweller '51, as its first vice-president. Last year Wib Pope '51, was second vice-president of the national conference. Miss Edna Sommerfeld, who does extension work with Young Adult groups, is on the advisory staff of the National Conference.

The National Conference is also a yearly event. Each fall hundreds of representatives from every state in the union gather in Jackson Mills, West Virginia, for a conference very similar to the New York State one, but on a larger scale. Nationally known authorities on farm life deliver lectures pertaining to the particular theme of the conference. Delegates from several campus organizations attend the conference. A growing enthusiasm for

(Continued on page 21)



H. E. Babcock

Professorship Established As A Memorial To H. E. Babcock

A permanent endowment in the field of nutrition has been created at Cornell University in memory of the late H. Edward Babcock of Ithaca, who devoted a major part of his life to the improvement of agriculture and especially of the American diet.

Babcock, who died last year at the age of 61, was responsible for numerous agricultural innovations contributing to an increased national food supply. He also directed food conservation programs in New York State in both World Wars and helped organize the School of Nutrition at Cornell.

The university said the fund has been established at the request of friends and business associates of the long-time Cornell trustee, who have already subscribed over \$200,000 and have plans for enlisting others in an effort to increase the total to \$500,000.

Of the endowment goal, \$300,000 will perpetuate an H. E. Babcock Memorial Professorship in nutrition. The additional \$200,000 will provide for supporting research.

"The holder of this professorship," the announcement said, "will have the responsibility of promoting a broad understanding of the importance of a better diet as a matter of public policy, for the mutual benefit of agriculture, the food industry, consumers and the national economy."

The chair will be associated with the School of Nutrition, which Babcock helped found in 1941 for the broad purpose of improving all phases of human nutrition from the soil to the family table.

Babcock helped establish the Co-operative Grange League Federation Exchange in 1920. He was instrumental in the early growth and development of the present organization. In 1936, he resigned as General Manager of G.L.F., in order to broaden his activities in the fields of writing, education, and nutrition, and to work on his 500 acre Sunny-gables farm near Ithaca and his ranch at Roswell, New Mexico.

Time to Get Acquainted--

With the Home Ec Student Counselors

by Blanche Miller '53

Not only are home economics students fortunate in being able to study interesting material in an interesting manner, but also in having people to whom they may go to "talk things over." For a number of years the College of Home Economics has had a counseling service for the convenience of its students. Its aim is the development of the individual's ability to become increasingly self-directing. The counselors devote all their time to the individual troubles which so many college girls have—personal, academic, and vocational.

At the head of the counseling department is Miss Jean Failing. She is assisted by four counselors, Misses Joan Poindexter, Olive McIntosh, Phyllis Atzenhoffer, and Mrs. Jean Reed—one for each class. Each member of the counseling department must have professional preparation for this type work and a high degree of competence in the actual counseling process. This competence is judged by skill in diagnosing individual problems, understanding the individual, and securing and weighing data objectively.

Counselor's Work

The counselors work as intermediaries between the students' needs as a contribution to the continuous development of the college program and to interpret the needs of the students.

The counseling service also works with the Committee on Admissions. When a freshman enters the College of Home Economics, she is assigned a counselor and continues with her until graduation. To this counselor the student may take any problem—academic, vocational, or personal—and she will receive thoughtful, thorough advice.

The counselors assist the students in working out their programs, selecting vocations, and preparing for the vocations through course planning and summer jobs.

To help freshmen in adjusting to college life, the counseling service sends out a series of letters during the summer. These letters inform both future students and their parents about certain aspects of the college life. The student is asked to work out several problems, and with the information these provide, the counselor is able to formulate a clearer understanding of the individual than can be obtained from the application and interview material.

Orientation

During the first week of college, the counselors plan an orientation period to acquaint students and their parents with the College, the program, and the staff. Throughout the first term, Orientation 100 provides an opportunity for each student to make the best possible use of her college environment. The class discussions include such topics as student study habits, vocational planning, educational planning, and relationships with others. The history of the college and its three-fold program (resident teaching, extension and research) are also studied in this course. In addition to this course a number of vocational discussions and exhibits are

held throughout the year for students in all classes. Also, a number of meetings are planned with seniors to discuss the writing of application letters and preparation and use of credentials.

On occasion the counseling service carries on a testing program, often in cooperation with the University Testing Service. In general, the purposes of the testing engaged in by the counseling service are to provide counselors and staff with information on students' general ability, special strengths and weaknesses in areas of academic achievement and other data relevant to the development of the counseling program. The information is used by counselors and staff to contribute to an understanding of the individual student's abilities and needs.

Meet The Ladies

As chairman of the department, Miss Failing has many duties, such as—approving schedules, assisting her counselors, taking care of graduate students' and foreign students' problems, and advising any special problems. From observation of her scholastic record one can see that she is quite capable of holding such a position. She holds a masters degree in Educational Psychology, a doctorate in the same field and has taught in a high school and junior college.

Miss Phyllis Atzenhoffer, counselor of the freshmen and sophomores (A-L), received her bachelors and masters degrees from the

(Continued on page 22)



Left to right: Miss Joan Poindexter, Miss Phyllis Atzenhoffer, Mrs. Doris Wood, Miss Jean Failing, Mrs. Jean Read, and Miss Olive McIntosh.



In the Home, On the Job Where is Woman's Place?

by Martha Jean Salzberg '51

Viewpoints on adding a career to the all-consuming duties of being a homemaker were presented to a large group of Home Ec students, in a symposium, on Jan. 10 in the student lounge. The program, following a tea, was presented by the Vocational Series Committee of Home Ec.

The first speaker, Mrs. Homer MacNamee, is a dietitian. She found it necessary to make some adjustments in her work when she married. Referring specifically to dietetics she stressed, "Often your career hours interfere with home living. Then it is time to change, and often a compromise can be reached by changing to a job connected with your field. I left dietetics supervision for a desk job connected with my field." Mrs. MacNamee also comprised (to manage a career and a husband) by selling their house for a smaller one with less upkeep. "But that doesn't mean that you should bury your goals or values. I haven't. I am building a dream house in my mind."

Woman Of Ithaca

The next speaker represents a kind of life that most of us can expect, but in a smaller degree. Mrs. Robert C. Osborn is one of the "first ladies" in Ithaca and Tompkins County community work. She is vice-chairman of the Tompkins County Republican Committee, President of the Federation of City Women Organizers of Ithaca, a member of the State Tenure Commission and has a family! Through it all she has firmly maintained that a woman's first job is as a mother, second as a homemaker, and lastly

as a member of the community. "The right balance of these is perfectly thrilling," concluded Mrs. Osborn.

"You can have your cake and eat it too," maintains Mrs. Nancy Masterson, the third speaker. All in the same year she earned her Masters Degree, acquired a husband, and had her first child. After devoting several years to her family, she was called back to Cornell to work as a specialist in nutrition. At that time she was faced with the questions: could she adjust to her job again after several years of housework? Would she be able to think in the same patterns? Proofs of her adjustment is her present job as consultant with the Crosley Corporation, her family and two grown sons. "It has worked," said Mrs. Masterson, "even though my family might say something else."

Hubby's Ideas

A husband's viewpoint was expressed by the fourth speaker, Mr. Henry Brandt, who is now working for his Ph.D. in the Child Development Department of Home Ec. Previously he had taught Family Life to engineers, high school students, and husbands of pregnant women. Mr. Brandt is also a father of three children with ages ranging from four to eight. "A woman has all she can do to handle one career," stated Mr. Brandt. He supported his belief by saying "A man doesn't neglect his career for extra curricular activities, so why should a woman!"

A question from the audience later in the program revealed that Mr. Brandt allowed exceptions. This question expressed the feeling

of many of the audience: "Mr. Brandt, do you feel that a woman shouldn't get married if she wants to continue her career?" Mr. Brandt returned, "I don't say that at all, because I know that some of you will be able to swing it. A good test of this is to know your capabilities, while at Cornell. This is a good indication of the amount of work you will be able to carry without interrupting your first and most important career as a mother and homemaker."

Now The Rebuttal

After giving their outlooks on holding careers and marriages, the four speakers were questioned by Dorothy Hull, '51 the moderator. On the question, "What are the problems of adjustment when a girl with a career marries?" Mrs. MacNamee felt that the older a woman is the more adjustment she will have to make. The career girl has learned to live by herself and has established herself in a way of life—her job. Having married at 36 Mrs. MacNamee speaks with experience. Mrs. Masterson said that the biggest problem of adding a career to a marriage was that of health. This combination of jobs takes considerable time and energy.

A member of the audience then asked Mrs. Masterson this question, "Don't you feel that a homemaker's outside activities may affect her nerves causing tension and irritability in her home?" Mrs. Masterson strongly disagreed, "No, I don't. In fact I believe this problem is accelerated when a woman stays home all day. It is so hard for a homemaker to feel she is accomplishing anything. Dishes and dusting are not completions, but must be repeated day in and day out. It is monotonous. It is lonely. It is a 'waste by isolation' of what is in you."

(Continued on page 23)

Eyes Right, Here's The Dress Parade

by Barbara Chamberlain '53

What's new in the world of fashion? Women have been asking that question from Cleopatra's time to the present. Perhaps Dior and Carnegie weren't creating their seasonal lines, but fashions have changed and women have followed those changes with interest. From year to year, barring such revolutions as the "New Look," fashions don't change too radically, but there are always variations in line, predominant colors, and fabrics to add interest and excitement to dress.

Back To The 20's

The fashions of the coming season, spring and summer '51, are 1920 revivals as they have been in the past year, but new emphasis has been added and line and detail have been varied. This year the Paris and New York showings are emphasizing the oblique line, especially in draped, Grecian-style evening wear. The line is also achieved by the use of diagonal tuckings, cut of the fabric, and such decorative detail as scallops and braid. Many gowns show one shoulder bared, another Grecian influence. Both the slim and the traditional bouffant or full silhouettes are popular this season. The chimesse dress which is simple of line and straight of cut, usually sleeveless, will be introduced. In addition to the oblique line, perhaps the newest trend is the trumpet skirt. The skirt is slim and sheath-like, ending in a flare at the bottom often accomplished by the use of pleats. The back-swept skirt and short and glittery formal will also play an important part.

Synthetics Important

Because of the great advances that have been made in the manufacture of synthetic fabrics, the selection of material are wide and varied this year. A great many colorful prints having a far eastern tang are available. Exotic, tropical flowers, and Chinese and Siamese designs enliven the print selection. Rich cocoas, blacks, and crisp whites are the favorite colors

and color combinations. You will also be seeing a lot of blue, violet, and blue-violet shades. An increasing demand for linen and pure silk is felt this season, and sheer fabrics will again be a cooling influence for resort and summer wear. Rich and luxurious textiles such as lace, satin, and taffeta, both plain and figured, are also popular. Velvet continues to be seen in touches at the collar and sleeve. The ever popular tweed is in evidence, especially those with white and light grounds. Piping, embroidery, and fringe are used as decorative details in many outfits. Buttons and jewel embroidery are also used to accent and enliven the costume.

Appendix

Some of the most interesting new touches are achieved in outfits by the use of accessories. It is a relatively inexpensive way to give last year's suit this year's freshness and originality. Shoe manufacturers are featuring a lovely shade of bronze in footwear this season. Shoes of

velvet and satin will add a luxurious touch to the more formal costume. Heel interest is being achieved by the use of rhinestones, nailheads, and the Louis heel. One lovely model was created in bronze satin, the heel glittering with pink rhinestones. A dark accent in the seam and heel of stockings will highlight the shorter skirt. Handpainted decoration and real silk will return to a prominent position in the hosiery line.

Fancy Work

Paris has placed enchanting bouquets of flowers in the cuffs of the colorful spring glove. Long gloves will return due to the shorter, elbow length of the sleeve of many of the new coat styles. Graceful shirring and charming intricate designs of bead work make the new glove an exciting accent to any ensemble. Imitation fur which has been widely used this fall will appear in the season's glove collections. Long, gold capeskin gloves will strike a luxurious note in the evening ensemble of the future.

The bared shoulder presented in evening wear this season will give rise to an interesting new piece of jewelry, that of the jeweled brooch fastened to the skin by means of a small suction cup. Coin jewelry and charm bracelets are also returning

(Continued on page 20)



—Betty Ann Jacques

Introducing . . .



—Frisbie

Dot Stilwell

Undoubtedly one of the more active and talented girls to be found on the upper campus is Dot Stilwell, who has figured prominently in many campus organizations for the past four years while pursuing an ambitious course of study in the Home Ec. school. Dot came to Cornell in the fall of 1947, and had not been here long before she began to make herself known in campus activities.

She has been especially active in the Baptist Student Fellowship, having served on the publicity committee since her freshman year. She has also served in several other capacities in that group, and this year is doing a good job as supper chairman. "I'm always landing on refreshments committees," Dot complains, "since people know I'm a foods major"—but she really enjoys it.

Dot is majoring in IM as well as FN, and has her eye on an administrative internship as dietician, although she has no definite plans. Last summer's internship as a dietician in Vassar Hospital, Poughkeepsie, helped her decide on her future.

Dot has by no means let her studies in the Home Ec. school narrow her field of interests. She has long been an active member of the Inter-varsity Christian Fellowship, and worked with the Girl Scouts as assistant troop leader under the

CURW Community Service program in her sophomore year. Last spring the CORNELL COUNTRYMAN chose her for circulation manager. She has served as secretary for the Cornell Grange and was elected Flora this fall. Election to the Ag-Domecon Council last spring as a representative-at-large helps round out her varied schedule of activities.

Sports have also received due attention from Dot who is fond of basketball, swimming, and lighter entertainment such as square dancing and tray sliding on the Library slope. Her favorite among sports is bowling, and she has shown striking ability both on her dorm team and for Wayside Aftermath, a social service organization.

On graduation Dot thinks she may leave her home in Poughkeepsie to find a job in the West, as she enjoys traveling. But East or West, a girl with such varied and useful talents and interests is going to succeed.

Evan Hazard

One of the most unconventional rooms on campus is that of Evan Hazard. Instead of displaying the usual pin-ups, his walls are covered with his sketches and photographs of animals, and with prints of Fuertes' bird paintings. A few painted turtles and guinea pigs complete the picture.

In some ways Evan's activities

at Cornell are as unusual as his room. His studies as an Ag student majoring in mammalogy are not followed through with allied extracurricular activities. Instead, his achievements have been in the field of student government and politics. He feels that going into such fields balances his scientific work with that of human relations, and therefore broadens his education and background.

Evan believes that more Ag students should follow such a plan. He maintains that students on the lower campus should begin to realize that students on the upper campus are part of the University, and that students on the upper campus should try to participate more in University-wide activities.

Toward these ends Evan has held posts as president of his dormitory club in Kline Road, member of the Kline Road Council, and secretary and vice-president of the Independent Council in which he has been active since he entered Cornell. Last spring he was elected to the Student Council as a representative-at-large. He is now serving on the Council's Welfare Committee, Grievance Committee, and Student-Faculty Committee on Health and Hygiene. Evan is also a member of the Students for Democratic Action and the National Association for the Advancement of Colored People.

On coming to Cornell Evan was
(Continued on page 19)



—Frisbie

Evan

... Your Friends



Jean Larkin

—Rich

"I enjoy working with people—especially children," says Jean Larkin, and that isn't strange, for people enjoy working with her. Jean is one of those persons whom anyone likes at first glance. There is something about her friendly smile that makes people just naturally turn in her direction as surely as a compass needle turns North.

If it were possible to turn back the pages of a life history, we should find Jean's filled with the many things that make up an interesting and busy life. Page one of her history would very naturally start at Hazelwood, Penna. where Jean was born. After being native Pennsylvanian's for a while, the Larkin family moved on. "Home" to Jean is now way down among the magnolias in Huntsville, Alabama.

The middle pages of Jean's history are bound together and entitled "College." Although these only cover four years, the binding is bursting at the seams, for these years are full of activities. It isn't hard to find Jean around the Cornell campus because she inhabits practically every part. In her four years here she has been honored by being elected a member of Ag-Domecon, and chosen a member of the Raven and Serpent and Kappa Delta Epsilon. She is also a member and corresponding secretary of Delta Gamma sorority. But that

isn't all, in fact it is just the beginning. Jean was also head of the Freshman Orientation Committee and chairman for the special permissions board for WSGA, a V.P. in the dorm and a member of the House of Rep. She has helped CURW and the Woman's Vocational Information Committee, besides working on "Straight to the Country Day," and down in the nursery. Somewhere between all of these activities, Jean finds time to study for her Home Ec. course as well as working as a head waitress at her sorority house. Sometime in the near future she wants to go into Home Demonstration work, or perhaps extension teaching.

The last pages of Jean's history are as yet unwritten but it is certain that they will soon be filled as completely as the ones preceding them. This is inevitable when you take one girl with a brown page boy bob, mix well with hard work and many activities, season with music, golf, and knitting, garnish with amateur sculpturing, and serve under the name of Jean Larkin.

—K.W.

J. C. Huttar

J. C. Huttar's home in nearby Trumansburg seems only a short distance from Cornell, but he has seen a good bit of the United States and been in a wide diversity of activities in four years. A conversation with him may start on his major—poultry—and end up any-

where from Mexico to Alaska.

Since winning his Frosh Cross-Country and Track numerals, J.C. has been a letterman on the 150 pound football team for the last three years. A brother of Phi Kappa Psi, J.C. worked on the COUNTRYMAN, and is a member of the Poultry Club in addition to being vice-president of the Baptist Student Fellowship. The last two Septembers he has been at Frosh Camp, helping new Cornellians to get oriented into their future years at Cornell. Sports, journalism, and public service have not gone unrecognized. Last year J.C. was tapped by Red Key, a Junior Honorary Society. This year he is active in Ho-Nun-De-Kah, the Ag Senior Honorary Society, as chairman of the speaker committee. He arranges for prominent men to talk to the senior class on the job opportunities available to them upon graduation. Up to this year, J.C. lived as a bunker at Engine House No. 2 downtown, piling out of bed at all times of night to answer fire alarms. He fought last year's Dickson and Baker fires and the blaze in May that destroyed a bakery in Ithaca. More than once his engine crew tore up to the campus in full equipment looking for some fictitious address or imaginary fire that jokesters turned in.

Having lived most of his life on or around a farm, and having raised chickens as a small boy, J.C. could spend his summers between terms

(Continued on page 18)



J. C.

—Frylink

Club and Campus Clearinghouse

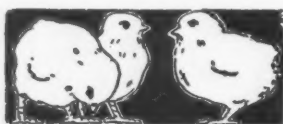
Straight To The Country Report

The second annual "Straight to the Country" program was well represented by 11 upper campus organizations, displaying their wares in the Straight lobby and Memorial Room, a fashion show, and the Country Gardens Dance.

The student branch of the ASAE invaded the Straight with their cub tractor and models of pole and loafing barns—complete with cows and milking machines. Featuring one of the largest exhibits, ASAE also displayed varied irrigation equipment, depicting its use with colored slides.

Upper and lower campus matched skills at the Round-Up Club's popular judging contest. Ward MacMillen '52, ag, Daniel Duberman '52, vet, Gertrude Kehm '53, ag, Jack Wysong '53, ag, Jan Button '54, engineering physics, and Gerald Langdon '54, ag, made perfect scores in the draft horse, dairy, and beef cattle classes as displayed in photographs.

Exhibiting pictures, Ag-Domecon Council showed its role in student leadership, self-government, university interests, college unity and activity coordination.



The Poultry Club's exhibition and explanation of the 21-day incubation period of an egg drew a capacity crowd which peered in the case containing the various stages in the development of embryos and hatching chicks.

"Wear your flowers as they grow—heads up!" was the theme of the admirable exhibit of the Floriculture Club.

The recently organized Agronomy Club displayed soils samples and conducted a quiz on wheat and common grass varieties. Utilization of eroded land was presented on a before-and-after model of hill land.

The Grange's function and role

at Cornell was explained by a question and answer poster book and an illuminated map which marked the location of the Grange chapters throughout New York State.

"The 4-H Way" was demonstrated with colored photographs set in a bright 4-H shaped lighting display. Club bulletins described 4-H activities.

Arranged in a big 'K,' snapshots of past plays traced the history of Kermis—"on the Hill since 1927." Kermis entertained during the intermission of the Country Gardens Dance.

The COUNTRYMAN'S little white mice, though rather unwilling at first, later were very cooperative in helping to award 30 free subscriptions to eager participants in the "mouse game."

Ho-Nu-De-Kah

At their January meeting, the members of Ho-Nun-De-Kah awarded shingles to three outstanding women who will graduate in June. Mrs. Janet Hamber, Miss Anne Leonard, and Miss Norma Reinhart received their shingles for excelling in scholastic and extra-curricular fields. The members plan to continue these awards in the future.

Mr. Wendell Huntington, of the Ralston Purina Company, will talk on "What Industry Has to Offer the College Graduate," March 1 in an open meeting of Ho-Nun-De-Kah at Willard Straight Hall. Since his talk will not be specifically for students in Agriculture everyone is invited.

Poultry Club

Summer work with Swift & Co. was cited as a chance to establish "a connection worthwhile after graduation" by H. L. Parker, poultry and dairy division representative, at the January meeting of the Poultry Club.

Mr. Parker, after showing a company movie, discussed Swift's on-the-job training program, advancement opportunities, and employee benefits. He described openings for

assistant hatcherymen, feed salesmen, extension, and project promotion men.

Ed Schano, president, expressed appreciation for Student Council's aid in sponsoring the Poultry Judging Team's trips. The team is at present planning a poultry judging contest for students, which is to be held in the spring term. Bill Staempfli '53 was appointed treasurer, the post vacated by Fred Strawson's graduation.

4-H Club

At their last meeting 4-H'ers welcomed back their vice-president, Dee Hartnett, who had been out in the state doing practice extension work. Barbara Baker, Ray Borton, and Jack Wysong told about their experiences in New Orleans where they attended the meeting of the National Junior Vegetable Growers Association.

A 4-H overnight at Mount Pleasant Lodge on February 10 was discussed and planned. All 4-H'ers interested should call Anne Hill, It. 2040. Transportation is to be arranged; recreation will be abundant and well designed toward keeping your mind off your favorite books, lectures, and three hour labs.

With Harry Schwartzweller as chairman, the 4-H Club recreation team is preparing to lead recreation programs at meetings of nearby 4-H councils. Songs, games, and square dances are the order of the night. The county council members will then return to their local clubs prepared to lead similar recreation programs.

Grange

Eighteen members of the Cornell Grange set out to participate in a neighbor night held at the North Lansing Grange Hall the first Friday after Christmas vacation. Officers from the Cornell Grange filled the chairs that night, while entertainment was provided by the East Lansing Grange and refreshments by the North Lansing Grange. The

(Continued on page 17)

Look Ahead to Healthy Crops

WITH THESE FREE BOOKS
ON INSECT CONTROL...



Healthy fields mean profitable yields! One good way to get the most out of seed and labor is through a sound program of insect control with toxaphene insecticides. Approved by the U.S.D.A. for grasshoppers, and by leading cotton-growing states for the control of all important cotton pests, low-cost toxaphene dusts and sprays are also being used effectively against an increasing variety of insects that attack other crops. This collection of books on insect control includes detailed recommendations on specific insects and a summary of latest federal or state recommendations. Write today for your free copies.



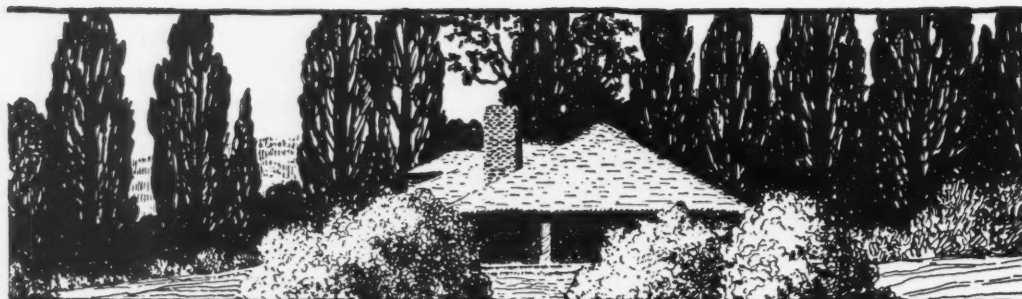
HERCULES POWDER COMPANY

INCORPORATED
911 King Street, Wilmington, Delaware

MAKERS OF TECHNICAL TOXAPHENE FOR AGRICULTURAL INSECTICIDES
NX51-5

toxaphene

DUSTS SPRAYS



Alumnates

1918

Retiring from the N. Y. Extension Service is *Miss Frances E. Searles*, who joined the service in 1918 and has been a home demonstration agent in Otsego, Orleans, Genesee, Niagara, and Monroe counties. She has done outstanding work; meriting the award given to her by the National Home Demonstration Agents Association. She plans to continue studying in Mexico and Guatemala—art and Spanish—and will leave sometime in January.

1919

Recently retired Dean of the University of Connecticut at Storrs, is *Charles B. Gentry*, who received his master's degree in agriculture here. In 1921 he went to Storrs as professor of agricultural education and dean of teacher training, and has served as the University Dean since 1941. He made valuable contributions to vocational agriculture and aided the U.S. Office of Education on formation of national policies in that field.

1922

Dr. Edmond A. Perregaux, B.S. 1922, and Ph.D. 1926, is now in France, after receiving a year's appointment by the government in November as chief of the Food and Agricultural Division, Economic Cooperation Administration's special mission to Paris. Dr. Perregaux is head of the department of agricultural economics at the University of Connecticut.

1924

James L. Sears, prominent Holstein breeder and agricultural leader, died December 15 when sev-

eral tons of hay fell on top of him and the tractor he was driving. The hay ignited upon contact with the tractor, and burned both the driver and the barn.

1936

Dr. Gordon M. Cairns, who received his Ph.D. here in 1940 has recently been selected for the position of Dean of Agriculture in the University of Maryland. Cairns was active in 4-H Club as a boy, served as assistant 4-H agent in Monroe County, and in 1940 became professor and head of the department of animal husbandry at the University of Maine. In 1944, he transferred to the same position at the University of Maryland, and has now been honored with this new post.

1947

Promoted from assistant agent to county agricultural agent, is *Fred P. Howe*, who is working in Franklin County.



Frank Schwencke '50

—Rich

1949

James B. Johnson is manager's assistant at Swift & Co., Harrisonburg, W. Va. plant. He's working with turkey growers in the area.

1950

Malcolm Peckham, who is a recent appointee as an assistant professor in poultry pathology, graduated in Veterinary Medicine in June, 1950. He was a graduate of Maine University, '43, and served as a first lieutenant in the infantry during the last war.

Robert W. Gibbs, recently with Swift & Co. as assistant hatcheryman at Iowa Falls, Iowa, has been inducted into the armed forces.

Ellen F. Andrews is now the assistant home demonstration agent in Cortland County.

Frank P. Schwencke, who has been with the G.L.F. since his graduation, has been appointed itinerant assistant county agricultural agent, starting in Onondaga County.

William Cheney of Bemus Point, Chautauqua County, is the new Assistant Agent in the 4-H Club Office in Jefferson County.

Since his graduation last June he has served as 4-H Agent-at-Large in Schuyler, Schenectady, Broome, and Genesee Counties. Bill spent the three summers previous to his graduation as a 4-H Summer Assistant.

1951

Jean Dulin is serving the 1950-1951 year as president of the Student Organization at the Cornell University-New York Hospital of Nursing.

Club News

(Continued from page 14)

night was attended by 83 members of ten granges.

In a quizz on hobbies several of the grangers, including Ralph Allen and Shirley Sagen, turned out to have rather unusual ones. Ralph's hobby of hunting wild bees was voted the most uncommon and interesting by the audience.

At its first regular meeting in January the Grange decided to act as host to a Tompkins County Grange youth group on Monday, February 19th. The Cornellians will plan the evening's program and provide the refreshments.

Several committees were established at the meeting, including ones for planning a county-wide square dance contest among the Granges, and producing a one act play.

After the business meeting was completed, Lecturer Ginny Duell led a discussion on lowering the voting age. The group's opinion was that 18 year olds were not yet mature enough to vote intelligently.

Ag Engineer

Last week ASAE lost three members when Pete Knapp, Al Revoire, and Don Youmans graduated. Pete was the club's vice-president.

For Farm and Home Week the club is planning to put on an even bigger exhibit than they had last year. The exhibit will feature methods of proofing barns against all manner of insects, animals, and natural forces.

Ag Agents Club

Joseph C. Richard, assistant director of Extension in Louisiana, and Albert Volz, county agent for over 20 years in California, described the type of agriculture and the work of the county agent in their respective states at the January meeting of the Ag Agents Club.

"We're moving toward a mechanized and a better balanced type of agriculture," Mr. Richard emphasized. Illustrating his discussion with slides, he cited how rice is dusted, even sowed, by airplanes. Combines do the harvesting. Cotton is gathered mechanically, each ma-

chine replacing 60 human pickers. 40% of Louisiana's agriculture is now made up of livestock, a major share springing up as dairy and beef farms—with year-round grazing.

"In California more experiments are conducted directly in the field than in the East," explained Mr. Volz. "Because of the highly diversified agriculture, more specialists are located in counties to meet individual needs. County agents are hired by the State University and are on an equal footing with professors, except for title," asserted Mr. Volz.

Both men, studying at Cornell during their sabbatic leave, agreed that the program of training prospective county agents at Cornell is the best in the country.

F.F.A.

Members of the Future Farmers of America will work during Farm and Home Week helping the Campus Patrol direct traffic. On Wednesday, February 28 the FFA boys will attend a dance and party sponsored by the G.L.F.

NO SHORTAGES AT THE CO-OP— YET!

A good stock of all books and supplies for the Spring Term.

Lots of used books at low prices.

Plenty of drawing instruments and dissecting sets.

All types and sizes of spiral notebooks and ring binders.

A huge stock of portable typewriters, all makes and models.

♦ ♦ ♦

THE CORNELL CO-OP

BARNES HALL

ON THE CAMPUS

CARE WILL SAVE YOUR CAR!

At present prices it's worth saving, play safe!
Ask for our trouble-preventive check-up.

Scientific engine diagnosis—tune-up service.



Modern Equipment — Experienced Mechanics
SNOW TIRES — CHAINS — GULF TIRES —
BATTERIES — ACCESSORIES — PERMANENT and
NONPERMANENT ANTIFREEZE — GULF NO-NOX
GAS — GULFPRIDE OIL — GULFLEX 'LUB'

SERVICENTER

SUN ENGINE ANALYZER
SUN DISTRIBUTOR TESTER
CAYTON CHASSIS DYNAMOMETER

A. A. Weir — W. Jolly

Green & Cayuga St.

Phone 2128

Mt. Pleasant

(Continued from page 7)

cattle in addition to grasses, pasture value returns have been as high as 30 to 50 dollars per acre.

The larger share of the land on the Mt. Pleasant farm is used by the dairy cattle branch of the department of animal husbandry. Dairy heifers go to the farm from the main dairy barn when they are ten months old and they remain there until they are ready to calve for the first time. About 80 dairy heifers in addition to the 50 beef animals are pastured there during the summer months. A large pen stable is available for housing and efficiently feeding the dairy heifers during the winter months. A molasses feeding experiment with these heifers is in process this winter.

Plan Of Management

Crop plans for the animal husbandry area usually call for 165 acres in pasture, 75-125 acres in hay, 25 acres in corn for silage and some land for oats. About 350 acres

of the farm are in woods, 94 acres in brush, 130 acres idle land, and 13 acres for roads, buildings, etc. make up the rest of the Mt. Pleasant farm.

An overnight lodge which is located in the north-eastern section of the farm about one mile south of Pine Woods, is under the jurisdiction of the Department of Physical Training. It is used by various campus groups for conference and recreational purposes.

The program of research and experimentation carried on at the Mt. Pleasant tract has given splendid results. The hills and submarginal land have been turned into useful pasture and hayland. Many county farm tours for farmers coming to Ithaca and Cornell have included a stop at the Mt. Pleasant farm. The visiting farmers are particularly interested in the results of Cornell's experimental work because the conditions prevailing at Mt. Pleasant are very similar to situations in many New York State regions, especially the lower Southern Tier counties.

J. C. Huttar

(Continued from page 13)

here doing something else than farm practice. He has traveled by freight and thumbed across the country three times to get jobs in the West. One summer he drove truck on a combining crew that followed the wheat harvest from California to Illinois. Another summer he raced to get to Alaska before the summer job-hunting crowd. He worked in the gold fields laying pipe and placer mining amid the mud and mosquitoes. Just this last spring he took off to Mexico for a week of touring and fighting the custom service.

This last summer J.C. worked in Indiana on a 65,000 bird poultry farm. Twelve years raising his own chickens and four years of majoring in poultry have given him the background to go into some branch of the hatchery business. His summer employers want him back for a permanent job, but as with most of us, he will probably be raising chickens on the side in Japan before he can ever do it in Indiana.

—B.B.M.



The New Co-op Food Store

609-619 W. Clinton St.

Tel. 2612 — 2680

Grade A Meats
Fresh Fruits and Vegetables
Co-op and Nationally Advertised
Brands Groceries
Sea Foods — Fresh Baked Goods

Consumer Owned and Controlled

Lake View Dairies Co., Inc.

*A complete line of
dairy products*

**PASTEURIZED GRADE A and
HOMOGENIZED MILK
BUTTERMILK, CHEESE
FRESH EGGS**
from our farm

**We are sure you will be pleased with
our products.**

Phone 2153

609 N. Tioga St.

Evan Hazard

(Continued from page 12)

awarded a New York State Cash Scholarship, as well as the Cornell Undergraduate, C. Howell North, and LeFevre Scholarships. He came to Cornell because he feels that it has the best conservation department in the East.

During the summers, Evan has worked for the Animal Behavior Department of the American Museum of Natural History, on a dairy farm, and at the State Agricultural Experiment Station at Geneva. For the past two vacations he has worked as a zoo keeper, caring for gorillas, chimpanzees, antelopes, elephants, rhinoceroses, and lions.

After his graduation this year, Evan plans to major in conservation at Yale. Then he intends to work at a zoo in a scientific and educational capacity while remaining active in photographic and political groups.

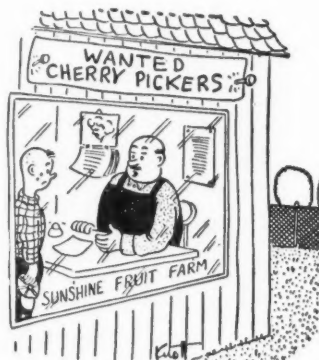
—G.G.

Professors' Gripes

(Continued from page 6)

selves and their future unnecessarily. The best course would be to wait until their call actually comes, rather than trying to anticipate it. V.S.L. Pate—entomology

They're no worse than the rest of humanity. Students will make mistakes but they are here to learn. Anyone will stumble in the beginning—professors are here to teach them not to stumble. I consider them as ladies and gentlemen and they seem to reciprocate.



"The salary is \$10 dollars to start and \$15 when you get sick and tired of eating cherries."
L-240



Valentine Day is February 14th
You Know She'll Expect to Hear from You

TRIANGLE BOOK SHOP

"Where Printing Gets Done"

**NORTON
PRINTING
COMPANY**

317 East State Street
ITHACA
Phone 41271

PHONE 2777

**The J. B. Lang Engine
and Garage Co., Inc.**

117-135 E. Green St.

•
Home of I.H.C.

Sales & Service since 1913
•

Drop in and visit our Farm Supply Store and see
our full line of IHC Machinery and Equipment.

Good News

We have
Super-size
MILK SHAKES

Made the way
You like 'em
and
scrumptious
secret formula

BARBECUES

The Plaza
Dairy Bar

Tasty Snacks
Fountain Service

Just outside city limits
or Elmira road
7:30 a.m. — 11:30 p.m.

Varna Garage

▼
AUTO BODY
PAINTING

▼
WELDING
and
GENERAL
REPAIRING

24 HOUR TOWING

▼
PHONE 2531

Route 13 Varna, N. Y.

Dress Parade

(Continued from page 11)

to popularity.

Hats will continue to be small and close to the head. The oblique line will be achieved in millinery by the use of stiff bows and feathers which sweep upward and outward. Veiling will again appear over the face often ending at the chin and sweeping to the back of the head. Many brims will take a rakish side dip, another evidence of the oblique line.

Rinsing the hair or dyeing it has been more prevalent in this country recently. It has been common in Europe for quite some time. In high fashion circles it may become so extreme as to act as an accessory by dyeing the hair to match the ensemble.

Hair styles seem to be taking a downward trend this season. Dior has revived the chignon, and is showing it either in real hair or in tulle. He perches this twist of hair provocatively over the brow as well as at the base of the neck which is more conventional. Because hair has the annoying habit of taking some time to grow, many women who have bobbed their hair must resort to the use of braids, clusters of curls, and chignons of false hair if they wish to be in the height of fashion.



Many of the forecasts made here are the extreme that will be widely used only in high fashion circles, but the creations presented at the showings of top designers set the pace for the more subdued outfits adapted for the average income. Although the extreme styles may

(Continued on page 21)

3 CONVENIENT DRUG STORES

328 College Ave.
Phone - 3479

CORNERS BRANCH
Triphammer & Hanshaw Rds.
Phone lth. 4-2145

The Northside Pharmacy
507 N. Cayuga St.
Phone - 2792

Drugs — Prescriptions
Soda Fountain — Sundries

Busy Bee

The
Place To Eat

Try our Steaks
and Chops
at
Reasonable Prices

Homemade Chili Con Carni
and
TEXAS HOTS

126 South Aurora
Next to Greyhound Bus Terminal

never leave the French salon of the exclusive shop, when you are looking for those key items which insure you that you have that "up-to-date" look, remember that it is certain that the predominant line in the fashion for 1951 will be the oblique line. Gay prints of a far eastern nature will highlight the fabric displays, accessories will be whimsical and bright, and hair styles will remain sleek but will be at a longer length.

State Rural Youth

(Continued from page 8)

the conference was noted in the state this fall when New York sent its largest delegation to the conference.

In addition to its state conference NYSRY sponsors workshops designed to help rural youth in such fields as: program planning, recreation, parliamentary procedure, officers' training, and discussion methods. These workshops are held in several places throughout the state at the request of the leaders in the area.

Emergency Food? Try Potatoes

Why potatoes are a superb emergency food and why they deserve a more important place in the national diet were pointed out recently by Dr. C. M. McCay, professor of nutrition.

"If American soil ever becomes a battleground, we need to remember several facts," he said. "First, it is easier for an invading enemy to destroy grain fields or hay than it is a root crop under the ground. Potatoes cannot be destroyed easily by incendiary means.

"Next, a bin of potatoes is not readily destroyed because potatoes are three-fourths water and will not catch fire.

"Finally, potatoes can be planted and harvested in an emergency with a minimum of mechanical equipment."

Another advantage of potatoes, according to the Cornell nutritionist, is that they are widely grown and many of them are used in the area where grown. This means they are an important food reserve for emergencies.

Farm and Home Week Geared To Tense World Conditions

Cornell University is planning its 40th Farm and Home Week, March 19 to 23, with the *entire program geared to farm and home problems in relation to world conditions.*

More than 500 events are scheduled, including travel talks from persons not yet returned from China and Formosa. Expectations are that attendance will compare favorably with last year's record total of 16,512.

The event, considered the largest agricultural affair of its kind in the Northeast, is sponsored by the agricultural, home economics, and veterinary colleges and the School of Nutrition at Cornell, with the cooperation of the State Experiment Station at Geneva.

How to stretch the food dollar, farm planning for 1951, and questions involving social security, Federal expenditures, taxation, farm prices, and labor are all included in the week long program of farm and home activities. Events for dairymen, poultrymen, fruit and vegetable growers, gardeners, flower lovers, livestock owners, and others are being scheduled.

Prof. L. D. Kelsey, in general charge of Farm and Home Week, says more staff members will handle exhibits this year, and there will be more demonstrations. Many forums

and panel discussions, popular in recent years, will be set up to feature such farm problems as soil erosion, animal breeding, and pasture improvement. Community and public health problems are also to be stressed during the week, and the program on conservation, natural resources, and wild life will be the most complete and continuous ever offered, said Kelsey.

A rural art program featuring a Grandma Moses motion picture will be offered, as well as individual consultation services for visiting gardeners, poultrymen, milk producers and distributors, and fruit growers. Automatic milk vending machines tying in with the State "milk for health" campaign, will be available at many points on the campus.

Farm economists will discuss ways for dairymen to get more output per man and offer information about new forms of concentrated milk and how they may affect markets for fresh milk. Ten Cornell researchers will exhibit experimental animals showing the effects of good and poor nutrition. Problems of sterility, new small grains for New York farms, new varieties of grasses for hay and pasture, and proper use of fertilizers, all tying in with the current "Green Acres" program are on the program for dairymen.

The Modern Hostess Prefers Ice Cream and

Dairy Products

From

Town Talk Ice Cream Co.

and

Marshall Dairy Co.

2904

Phone

2756

Slips In The Press

Eat Well

"Why did you steal that \$50,000?"

"I was hungry, your honor."

—Incantation

From the "Yard"

Real Estate Agent: "Now here is a house without a flaw."

Harvard Graduate: "What do

you walk on?"

—Black Magic

Grogs?—Do have some

In a book written by a naturalist, a comment was made about a little boy who was extraordinarily good at finding where animals lived. It read: "The ability of this boy

to find grogs was remarkable."

—Winds

Hurry, But Don't Fall

A girl was taking a typing speed test on a story about the advantages of winning contests. She finished rapidly pulled out her paper, and took it to the teacher. A look of horror spread over the teacher's face upon reading: "It's fun to sin. It is done by people who are not as good in contests as you are. You can do it too—."

—Kronicle



***RESULTS BUILT THIS HABIT...**



* Survey of Iowa soybean growers showed 91% inoculated every seeding. Among those expressing preference, NITRAGIN led all other brands 3 to 1.

* Elmer Cheetwood, Georgia, made this two acre test. One acre's corn followed inoculated cover crop—on other acre no cover crop was used. 56.3 extra bushels of corn came from acre following inoculated lupine cover crop.

* Walter Latham, Ohio, proved how NITRAGIN inoculation prevents wasteful land use. Area not inoculated was a failure. Inoculated section, a lush success. Second cutting exceeded the first.

● When you work valuable land and plant expensive seed, you want results. Failures cost in time and money . . . lost crops ruin planned grassland rotations. To help assure legume success, wise farmers inoculate every planting. Inoculated legumes produce better growth of protein-rich hay . . . abundant seed yields. That's why most agricultural authorities agree—and farmers insist on regular practice of legume inoculation. It costs so little—pays so much. For more than 50 years, more farmers have used NITRAGIN than any other inoculant. They buy it with confidence because NITRAGIN gets results. If you want bigger, better legume yields . . . if you want your soil to have more production power—always inoculate all legumes with NITRAGIN. Get the habit that gets results. Get NITRAGIN from your seedsman . . . in the orange-colored can.

THE NITRAGIN CO., Inc. • 3929 N. Booth St. • Milwaukee 12, Wis.

Student Counselors

(Continued from page 9)

University of Illinois. Before coming to Cornell she was a counselor working with admissions at Boston University and, previously, counselor at two other colleges.

Miss Joan Poindexter, freshmen and sophomore (M-Z) counselor, is

(Continued on page 23)

This Trademark Is the Assurance of



POSITIVE PROTECTION Against NEWCASTLE TRACHEITIS . . . FOWL POX

FOR more than 34 years the name Vineland Poultry Laboratories has been the poultryman's household word for security from profit losses due to poultry diseases. Yes, both among commercial and backyard poultrymen. In scores of Agricultural Colleges and Experiment Stations—wherever poultry is raised—the supremacy of Vineland Vaccines is universally recognized and acclaimed.

This unconditional acceptance by the poultry industry of Vineland Vaccines has been earned the hard way. Victory after victory has been scored by Vineland Poultry Laboratories in its endless research and unrelenting battles against the ravages of Newcastle . . . Tracheitis . . . Fowl Pox . . . Pullorum and numerous other devastating diseases. In the wake of each Vineland conquest, thousands of poultrymen have—for a few pennies—through immunization, eliminated the risk of mortality. They have learned that for purity and uniform potency, Vineland Vaccines are unmatched for dependability.

FREE! Authoritative literature on poultry disease control, with special attention to the prevention of Newcastle Disease, Tracheitis, Fowl Pox, Pullorum and Coccidiosis.

VINELAND POULTRY LABORATORIES



Box 70

Vineland N. J.

THE CORNELL COUNTRYMAN

Try
"TUMBLE INN" SPECIALS

at the
Tumble Inn

LUNCHEONETTE
SODA BAR

Where the
Gang Meets

Open 'till midnite

817 N. Cayuga St.
Phone 3-1014

Gas

Oil

**R.T.G. ESSO
SERVICE**

Conveniently Located
at the foot of
State Street Hill

Phone
2872

Lubrication

Batteries

Student Counselors

(Continued from page 22)

a Navy woman in the inactive reserves. She received her B.A. degree and worked as disciplinary counselor at the University of Minnesota.

Counselor of the junior class is Miss Olive McIntosh, who came to Cornell this year from the University of California in Los Angeles. She received her B.A. with a major in psychology there.

Miss Jeanette Read, senior class counselor, is a Cornell graduate of the class of '31. She is a firm believer in individualized education.

Everything done by the counselors and the counseling service is directed toward the individual student. By working with each student personally, these experienced and capable women find it a better means of knowing and, therefore, helping the individual to be an individual.

Woman's Place

(Continued from page 10)

Mrs. Masterson feels that Home Ec students especially, should be able to take care of their families and home with a minimum of time and energy. Mrs. Osborn stood behind her noting that the homemaker needs variety and a fresh viewpoint, which she draws from her outside career. Adding to this statement Mr. MacNamee felt that a husband and wife in separate careers will want to share every minute that they are at home. Their appreciation of their home lies in the fact that they can relax and be together after a hard day of work.

Speaking about job tension Mr. Brandt stuck to his point by saying, "A woman's basic career is as a mother and homemaker and an outside career comes second." With this statement Mr. Brandt also summarized the four speaker's viewpoints—that a woman's place is in the home, with her job as secondary. He stopped there and the three women summarized further by saying that homemaking should and can be supplemented with an outside career. The success of this combination is exemplified by their own lives.

Phone 2843

BARTHOLF
SERVICE STATION

▼
MOBILUBRICATION
MOBILGAS

▼
TIRES
OIL
ACCESSORIES

▼
Corner of Maple-Dryden Rd.

You're Always

Welcome

at

the

'400'

SODA BAR
RESTAURANT

400 College Ave. at
Dryden Rd.

Up To Us

Light On Ag-Domecon

Light and fresh air make most things grow with health and vigor. There is no reason why the same conditions shouldn't do the same for Ag-Domecon. At present the meetings of the Council are like those of most administrative organizations; very few people other than members attend them.

Now we'd hate to see fifty per cent of the men and women of the Ag and Home Ec Colleges turn up at any one meeting. It would be downright embarrassing to find space for them. On the other hand, if this same fifty per cent spread out and appeared at the Council's meetings during the course of the term they would have a chance to see their leaders in action. The students would see which of the members were doing efficient jobs and which were slacking off.

Ag-Domecon Council membership includes a good many, but not all, of the leaders of the Upper Campus. Since, by its membership and its avowed purpose, it is the leader not only of opinion but also of action, we should hope to see plans inaugurated and carried through by the council.

Ag-Domecon doesn't lack for good ideas. Several have been proposed this past term: holding an FAO conference on the campus, starting an Ag College student-faculty committee, holding an annual, all-ag student meeting to record achievement in all fields by ag students.

It's no use doing a job unless you do it right; and there is no use launching an idea unless you're going to carry it through. FAO has faded under disinterest. The student-faculty committee is just beginning to get underway. The all-ag meeting has just been brought up at the January sitting of the Council. The idea, suggested by Edward Knapp in a letter to the COUNTRYMAN, has merit. But merit alone will not accomplish anything. It takes the hard work and combined ideas of a committee cooperating to make an idea a suc-



cess. We'd hate to see this idea buried by a committee before it had a chance to prove itself.

One thing that will help make Council members aware of student interest and opinion is the students' presence at Ag-Domecon meetings. It wouldn't take many to overflow the Council's meeting room. Let's see you start.

Hail, The Victors

Ring out the old; ring in the new. If this sounds a month too late to you, remember who and what we hail. The February COUNTRYMAN signals the farewell of Dan Barnhart and Ed Ryder both to the COUNTRYMAN and to Cornell.

Ed, our former editor, has squeezed a trip to the University of California into the 'tween terms. He'll do graduate work there in plant breeding. Business manager Barnhart left for the home farm in Ulster County within hours after his last exam.

That the editor should graduate at mid-years is unusual, but with both top officers completing their undergraduate days, the COUNTRYMAN has had complete elections. To get us back on a regular school year schedule we will have another set of complete elections towards the end of the spring term. We'll do our best; 'nuff said.

Although they worked together for only about half the usual number of issues, Ed and Dan comprised a team that was not only harmonious but also successful. Every issue this fall made a profit. Not only did the issues show profit, but we hope and believe that they were more widely read and enjoyed among the students of both the Home Ec and Ag Colleges. Ed, Dan, and their work will be well remembered by both students and staff alike.

Animal Psychology

(Continued from page 5)

Now Drs. Liddell and Moore are devoting most of their time to a series of experiments which throw a new light on the mother-love theory. Using money from a federal public health grant for research with "environmental stress in the aged and newborn" results have indicated that animals desperately need genuine mother-love.

To prove this, twin goats in separate rooms are being subjected to the same potentially neurosis-producing conditions daily: dimming light, a wait and a shock, repeated every two minutes for forty minutes. Observations have shown that instead of running around, the kid all by itself stands still, unable to do anything. The kid with its mother in the room runs off its heightened stress and goes to its mother when it receives the shock. The animals have such a need to work off their tensions that if no other 'mother' is present they will even resort to jumping into the lap of an observer. Dr. Moore finds that he makes a 'bad mother' because he wants to continue with the experiment.

Course Taught

Since the Behavior Farm is mostly concerned with research, the two psychologists and several graduate students carry on most of the work. There is, however, one advanced course taught by Dr. Liddell—Conditioning and Behavior (Psychology 426), which is available to anyone who has taken Psychology 208 and 212. Class members meet in the small lecture room off the laboratory once a week and observe demonstrations of conditioned reflex and neurotic patterns in animals.

The discovery of ways to avoid or cure neurosis is the goal of the two psychologists who operate the Cornell Behavior Farm. Doctor Moore, who made this interview possible, can usually be found at the lab—glad to show you some of his 100 goats or 40 sheep and explain the experimentation he is carrying on.

Allis-Chalmers' latest

the NEW

CA with 2-bottom mounted plow . . .

the

WD with NEW 3-bottom mounted plow



Here they are — the popular WD Tractor and its close-coupled *three*-bottom plow — and the new CA Tractor stepping out with its companion *two*-bottom plow.

In keeping with Allis-Chalmers policy, our power rating of these tractors is conservative. In extreme conditions, no, but in average soils, yes, they will handle these plow loads.

Both tractors are equipped with **Hydraulic Traction Booster** that makes possible more actual drawbar pull. Automatically the Booster increases weight on drive wheels to match the load.

Both the new Model CA and the WD have a 4-speed transmission, built-in hydraulic control system for implements, hydraulic shock-absorber seat, low-pitch muffler, power take-off, drive pulley, lights, battery, starter.

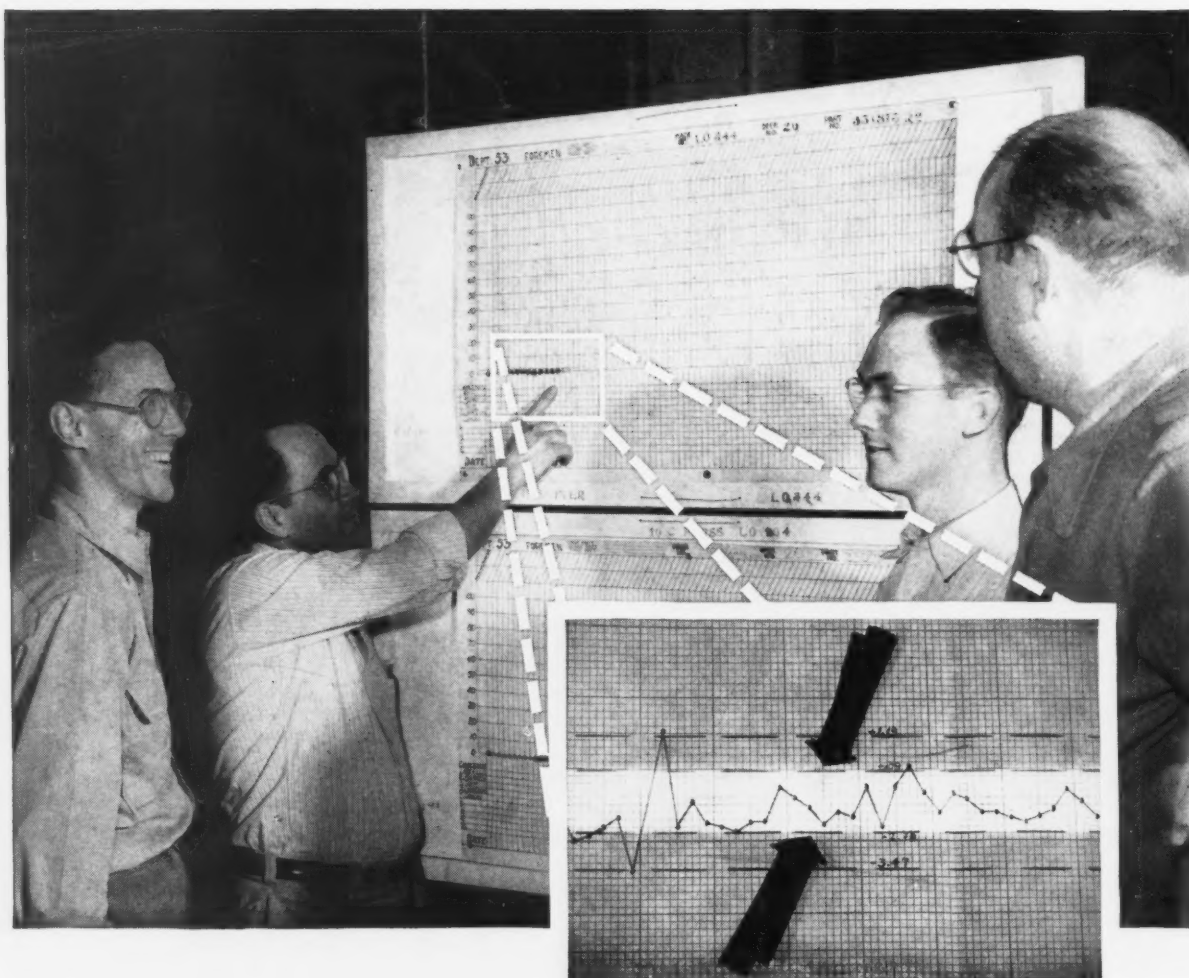
Both have **Power Shift Wheel Spacing** that instantly adjusts rear wheel width by engine power.

Both have **Two-Clutch Power Control** (standard on WD, optional on CA). An auxiliary hand clutch halts forward travel without interrupting the power flow to power take-off machines.

In addition, both tractors are distinguished by many other advanced engineering and operating features. And to further their usefulness on all types of farms, there is a wide range of specially designed implements — mounted, semi-mounted and trailed-types — in many sizes and combinations.

TUNE IN
The NATIONAL
FARM and HOME HOUR
Every Saturday • NBC

ALLIS-CHALMERS
TRACTOR DIVISION • MILWAUKEE 1, U. S. A.



How lines on a chart safeguard IH quality

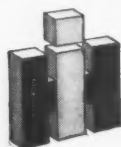
A report to you about men and machines that help
maintain International Harvester leadership

Portrait of Near Perfection. IH engineers like the looks of this graph. It tells a story of controlled quality. The location of each dot represents the measurement of an International Harvester part that is being mass-produced.

As long as most of the dots fall between the narrow limits set by IH engineers, all is well. But if too many dots appear above or below the estab-

lished limits, the engineers stop production until the trouble is found and remedied.

These quality control charts are an ever-present check on men, machines, and materials—a constant incentive to do a better job. They help prevent errors before they occur. Plant-wide quality control is another reason for IH leadership. International Harvester Company, Chicago 1, Illinois.



INTERNATIONAL HARVESTER

International Harvester Builds McCormick Farm Equipment and Farmall Tractors ...

Motor Trucks ...



Crawler Tractors and Power Units ...



Refrigerators and Freezers ...

